



Morecambe Bay
Academy

Curriculum Overview 2026 – 2027

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Curriculum Intent

We provide an ambitious curriculum with a strong academic core. Our curriculum is underpinned by our school values of belong, believe and achieve and the best that has been thought, said and done. Reading and literature are at the heart of the curriculum and pupils receive a rich cultural experience. Pupils hone their leadership skills through a range of activities including the Duke of Edinburgh Award and many sporting clubs and activities. Our ambition is for Modern Foreign Languages to continue to grow and become a subject of choice for all pupils.

Curriculum leaders have carefully considered the sequencing of component knowledge and the composite understanding this creates. There are ambitious end points that have been identified in each subject. Our curriculum is equally ambitious for all pupils including those who are disadvantaged and those with special educational needs and/or disabilities.

For further information regarding our curriculum, please contact our Deputy Headteacher for Quality of Education, Mr Korab, akorab@morecambebayacademy.co.uk

Curriculum Allocation Time

50 periods per fortnight

Key Stage 3			Key Stage 4		Key Stage 5	
Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13
8 English 8 Maths 8 Science 2 Computing 3 French 3 Geography 3 History 2 Art 2 Life 2 Music 4 PE 2 Reading 3 Technology			3 English Language 6 English Literature 9 Maths 9 Science 1 Life 2 Core PE	4 English Language 5 English Literature 9 Maths 9 Science 1 Life 2 Core PE	8 lessons for each of 3 options: • Applied Science • Art • Biology • Business Studies • Chemistry • Childcare • Computer Science • Criminology • English Language • English Literature • Geography • Health & Social Care • History • IT • Maths • Performing Arts • Photography • Psychology • Sociology • Sport	
			5 lessons for each of 4 options of which at least one must be chosen from: • French • Geography • History Other options: • Art • Business Studies • Ceramics • Computer Science • Dance (BTEC) • Enterprise (BTEC) • Health & Social Care (BTEC) • Hospitality & Catering (BTEC) • iMedia • Music • PE • Product Design • Sport (BTEC) • Textiles • Travel & Tourism (BTEC) • Triple Science		Life and enrichment are delivered once a week	

Year 7 Curriculum

	Autumn Term	Spring Term	Summer Term
English	Autumn 1 - Fantasy Fiction: Coraline <u>What knowledge is being developed?</u> - Conventions of the fantasy and horror/ gothic genres (including setting, characters, themes and conventional plots) - Key vocabulary related to the genre - Character types – protagonist and antagonist - Subject terminology to identify language (adjective, verb, noun, adverb, imagery, simile, metaphor) - The concept of a quotation from a novel - Foreshadowing and tension - The purpose of an epigraph	Spring 1 - Modern Drama: Our Day Out <u>What knowledge is being developed?</u> - Students will learn the context of 1970s Britain and the life of a child from a working-class family. - Students will have knowledge of the main factors leading to poverty in the 1970s and understand key causes of poverty in the United Kingdom in 2020-21. - Students will learn how playwrights create characters to evoke a response in the reader. - Students will learn the key ideas within the text - Students will know how to apply the conventions of a playscript to their own writing.	Summer 1 – Short Stories <u>What skills are being developed?</u> - Students will develop their reading and writing skills. - Students will learn about various life themes and cultural capital. - Students study topics such as war and friendship to develop their emotional intelligence. - Students will develop their social skills such as empathy. Summer 2 - Poetry across time: Form and Convention <u>What knowledge is being developed?</u> - Understanding of key terminology related to poetry

	• The plot of a full-length novel and its key characters, settings and themes. • Conventional characters from the fantasy genre • The success criteria for describing a character Autumn 2 - Fiction Across Time and Cultures: Windrush Child <u>What knowledge is being developed?</u> Students will learn: • Key vocabulary such as protagonist, juxtaposition and eulogy • The context of Windrush and Jamaican Independence and how it has shaped our society today. • Students will learn how authors create characters to evoke a response in the reader.	• Students will learn how to organise their thoughts for clarity, both for writing and oracy tasks. • Students will learn how to employ increasingly ambitious vocabulary precisely and creatively. Spring 2 - The world of Shakespeare – Heroes and Villains <u>What knowledge is being developed?</u> • Students will be able to identify some contextual details from different time periods and understand their relevance to the different extracts • Students learn the key ideas raised through the text and how Shakespeare uses the characters to express these ideas. • Students will learn how to organise their thoughts for	• Understanding of different forms and conventions of poetry. • Understanding of how poets use poetry to express perspectives and emotions. • Understanding how poetic techniques are used and how they shape meaning and their effect in poetry. • Understanding of how poetry is created.
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	- Students will learn the key ideas within the text and be able to consider this in other circumstances. - Students will learn how to organise their thoughts for clarity, both for writing and oracy tasks. - Students will learn how to employ increasingly ambitious vocabulary precisely and creatively.	clarity, both for writing and oracy tasks. Students will learn how to employ vocabulary precisely and creatively.	
Maths	Algebra Describing and continuing a sequence (linear and non-linear) Number and algebraic function machines, substitution Simplifying algebraic expressions Solve 1 and 2 step equations. Number Ordering and comparing integers and decimals Use a number line Compare an Rounding to the nearest integer, decimal place and significant figures, Add, subtract, multiply and divide	Statistics Pictograms Bar charts Scatter graphs and correlation Time series graphs Number Understand fractions, decimals, and percentages. Convert between fractions, decimal and percentages. Solving problems with addition, subtractions, multiplication and division. Fractions and percentages of amounts	Number Convert between time. Calculate speed, distance, time. Distance time graphs. Factors and multiples Prime, square, cube and triangular numbers. Highest common factor. Lowest common multiple. Convert between mixed numbers and improper fractions. Add and subtract fractions

	integers and decimals Order of operations Estimation. Statistics Mean, median, mode and range	Geometry Area of rectangles, parallelograms, triangle, trapezium. Perimeter of a polygon and compound shape	Geometry Constructing, measuring and using geometric notation. Angles around a point, on a straight line. Vertically opposite angles. Angles in a triangle, quadrilateral. Recognise and name polygons.
Science	Particles – this topic explains the properties of matter, focusing on how particles are arranged and how this arrangement affects states of matter and changes of state. Students will learn to represent substances using particle diagrams and relate these diagrams to properties like diffusion and air pressure. Cells, Tissues & Organs - students learn that multicellular organisms are organised from cells to tissues, then to organs, and finally to organ systems. Cells are the basic building blocks, and similar cells are grouped into tissues. Tissues with similar functions combine to form organs, and groups of	Reproduction and Variation - this topic explores how living things reproduce and the differences (variation) within and between species. Students learn about the importance of variation for survival and adaptation. Energy – During this topic students learn about conduction, convection, and insulation as methods of energy transfer, specifically focusing on heat transfer. They will understand that conduction involves the transfer of heat through direct contact between particles; convection relies on the movement of fluids (liquids or gases), and insulation involves materials that slow down heat transfer. They will then explore	Chemical Reactions - students learn about chemical reactions, specifically focusing on acids, alkalis, and neutralization reactions. They will understand the pH scale, how acids and alkalis react to form salts and water, and how to name the resulting salts. The topic also covers the reactions of metals with acids to produce salts and hydrogen gas. Plants and Photosynthesis – students gain an understanding the process of photosynthesis, its importance for life on Earth, and how plants utilise the products of this process. Students learn about the reactants (water and carbon dioxide) and products (oxygen

	organs work together within organ systems. Forces - covers the understanding of how forces act to produce movement and how different forces interact. This includes exploring contact forces like friction and air resistance, as well as non-contact forces such as magnetism.	the differences between renewable and non-renewable energy sources, their advantages and disadvantages, and how they are used to generate electricity. Students will learn about different types of energy resources like fossil fuels, biofuels, nuclear, wind, solar, hydroelectric, and geothermal, and how they impact the environment.	and glucose) of photosynthesis. They also explore the structure of leaves and how they are adapted for photosynthesis.
Art	Insects Exploring the colour theory and learning how to mix colours, applying this knowledge throughout the project. Primary, Secondary, Tertiary Colours Complementary and Harmonious Colours and where these sit on the Colour Wheel, applying this knowledge to the theme of Insects.	Insects continued for HT3 Students will be working on large scale oil pastel drawings applying the colour theory knowledge and learning a range of mark making techniques. Food and Drink starts HT4 Project based around the theme of food and drink looking at a variety of artists who are inspired by food and drink. Students will be developing painting and mark making techniques applying the skills they have learnt in project 1. Students will explore a variety of printmaking and sculpture techniques to further explore an in-depth project for the theme 'Food and Drink'.	Food and Drink continued. Exploration of different painting, drawing and sculptural techniques linked to the theme of food and drink. Students will complete a large painting as their end of year assessment, this will test knowledge of colour mixing using primary colours and brush control.

Computing	Using Computers Pupils are introduced to the routines of a computing classroom and using the computers in a lesson. Students will learn how we log on and follow routines in a computing classroom. Students learn about the software and how we use computers. What's inside a Computer? Pupils are introduced to the main components of a computer system. Pupils will learn about the components and the effect they have on performance. Pupils will be introduced to binary numbers.	Programming concepts Pupils will use blocks in scratch to learn about the concepts of Sequence, selection and Iteration. This unit will provide an insight to different concepts of programming. Programming in Scratch Based on the knowledge and understanding of Programming concepts. Pupils will apply their knowledge and understanding of Scratch programming to be able to create their own scratch game.	HTML Pupils will be introduced to HTML code to create web pages. The pupils will explore the use of different tags to create Web Pages to promote the local area. Interactive Product Pupils will learn how to create an interactive presentation. Pupils will be introduced to computational thinking to solve a problem. Pupils will create a solution to present to different types of audience.
French	Myself/My Family You will be able to: • introduce yourself and greet others. • give and recognise ages. • give and recognise dates.	At School You will be able to: • describe your school day using days, times and opinions. • describe your school uniform and use colours	My Life You will be able to: • talk about daily meals. • say which sports you play and which activities you do.

	• give and understand physical descriptions. • talk about pets and describe family members. • describe friends and role models	• say what there is/is not in your school • describe your school	• talk about how you use modern technology and how often. • say where you go at the weekend. • describe your town and what is there
Geography	Welcome to Geography • Key terms, e.g. Human, Physical, Environmental • Geographical patterns & processes, factors affecting people & places in the UK Map Skills • 4 & 6 figure grid references • Height on land, distance & scale	Tourism in the UK • Rural tourism options • Urban Tourism options • Issues tourism causes • Glaciation Weather Hazards • Hurricanes • Storms • Wildfires • Storm Desmond	Africa • Wealth distribution • Human & Physical features • Tribes • Eco-tourism Local Fieldwork • Questionnaires • Environmental quality survey • Photo analysis
History	What is History? We begin studying in Year 7 by introducing the historical skills of knowledge, analysis, using sources, analysing interpretations and making judgements	Medieval England How the Normans changed England, the Anarchy, Thomas Becket, the Crusades, Magna Carta, Black Death, revolting peasants, Agincourt and the Wars of the Roses.	Tudor England Henry VII, Henry VIII, Edward VI, Mary I, Elizabeth I. How the power of the church and monarchs shaped the world.

	Roman and Anglo-Saxon England Why did the Romans come to Britain? What did they change and why did they leave? Why did the Anglo-Saxons come to England and how much did they change it?	Tudor England Henry VII, Henry VIII, Edward VI, Mary I, Elizabeth I. How the power of the church and monarchs shaped the world.	Crown & Parliament The Gunpowder Plot, witches and the battle for power between the crown and the state. The creation of the UK.
Life	PSHE • What is diversity? • Growing up: Physical and mental changes • Understanding menstruation • Social media and mental health RE • Communities • The Church and being a good citizen • What makes a church? • What are the features of a church? • Baptism - Infant and Believers • Commemorating important events • Cause and effect – Was the Universe caused? • How did the Universe begin?	PSHE • Smoking and Vaping: risks and consequences • Healthy Lifestyles: maintaining a balanced diet • FGM: facts and risks • Recognising and preventing bullying • Managing risk: travelling safely RE • Christian creation • Christian Stewardship • An introduction to Hinduism • The origins of Hinduism • What is Brahman?	PSHE • Developing your leadership skills • What makes a healthy relationship? • Coping with change: bereavement, divorce and separation • Media Literacy: Staying safe online • Media literacy: becoming a responsible digital citizen RE • What is the Trimurti? • Why do Hindus worship many Gods? • The story of the Ramayana Citizenship • The Power of the Media • What can we do about global problems?

Music	Introduction to Keyboard and Ukulele How to read note values and how to keep time. Perform, sing, clap in time. Rhythm games How to play and sing melodies in tune and in time. Perform/sing individually and as a group. Assess/evaluate own performance	Instrument sounds and families How to identify instrument sounds and families, play a traditional western piece of music. Learn about the music and instruments of China. Improvise using a pentatonic scale, compose a piece of music using a structure.	World Music and Folk Music Music of the people, sea shanties, work songs and Irish music Learn about the music of Argentina and Africa. Performance of polyrhythms. Focus on Tango, using rhythmic backings and LH parts. Music from Argentina, the Tango Dance/Music, syncopated rhythms and full chords.
PE	• The basic skills and techniques of a range of sports and activities (attacking, defensive, possession, performing) • Introduction to PE theory. • 3 stages of a warm-up • Strategies/tactics/compositional ideas and understanding of the activity • Key terminology • Rules/regulations / health and safety of the activity • What makes a good sportsman • How exercise can help produce a healthy lifestyle		

Technology	Technology is delivered on a carousel; students spend 18 hours in one subject area before moving to the next. Food – principles of good food hygiene and safety. These will be applied through practical lessons that aim to develop a range of basic food preparation and cooking skills. - healthy eating and the importance of eating breakfast. - Ethical food production - Fairtrade Textiles – whilst making an Art Deco themed cushion, students will develop a range of basic skills including transfer printing and how to use a sewing machine. They will develop an understanding of fibres and fabrics. Product Design – whilst making a Desk tidy, students will develop a range of basic making skills to include accurate measuring and marking out, cutting, drilling and finishing. They will begin to develop an understanding of the design process as well as an understanding of timber as a material area.
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Year 8 Curriculum

	Autumn Term	Spring Term	Summer Term
English	Fiction Over Time and Cultures: Of Mice and Men – John Steinbeck <u>What knowledge is being developed?</u> - Students will learn the context of 1930s America and the life of an itinerant worker. They will examine The Great Depression; The Dust Bowl; role of women; American Dream and racism and analyse how it influences the novella. - Students will learn how authors create characters to evoke a response in the reader. - Students will learn the key ideas within the text such as powerlessness, loneliness, prejudice and inequality and be able to consider this in other circumstances.	Forbidden Love in Shakespeare: Romeo and Juliet <u>What knowledge is being developed?</u> - Students will learn the key parts of play and the context of the early reception. - Students will be able to identify some contextual details from different time periods and understand their relevance to the text. - Students learn the key ideas raised through the text and how Shakespeare uses the characters to express these ideas. - Students will learn how to organise their thoughts for clarity, both for writing and oracy tasks.	Voices Without Borders. Speeches of Power and Protest – Non-Fiction <u>What skills are being developed?</u> <u>Reading skills:</u> - Analysing a writer's viewpoint and perspective - Learners will be able to identify and interpret explicit and implicit information and ideas in a speech. - They will be able to explain, comment on and analyse how writers use language to achieve effects and influence readers and audiences, using relevant subject terminology to support their views.

	- Students will learn how texts change over time and context. - Students will learn the conventions and terminology of a novel including cyclical structure and foreshadowing. - Students will learn how to organise their thoughts for clarity, both for writing and oracy tasks. - Students will learn how to employ increasingly ambitious vocabulary precisely and creatively. - Students will learn the conventions of different non-fiction genres: letters, speeches and articles. 19th Century Texts - Introduce 19th Century fiction – preparing to study GCSE English Literature texts and for English Language Paper 1. - Develop key reading skills (skimming, scanning and close reading)	- Students will learn how to employ vocabulary precisely and creatively. The Giver – Lois Lowry <u>What knowledge will be taught and developed?</u> - Students begin exploring the genre of science fiction. - Students are introduced to the concepts of utopia and dystopia. They practice the skill of stating their opinion in writing. - Students will learn to write non-fiction transactional writing in response to theme, events and characterisation within the novel. - Students are tested in their knowledge of vocabulary, terminology, and writing skills. - Demonstrate understanding of explicit meanings in texts	<u>Writing Skills:</u> - Learners will be able to communicate clearly, adapting tone, style and register for a specific form, purpose and audience. - They will be able to organise information and ideas, using structural and grammatical features to support coherence and cohesion of texts. - Learners will be able to write in the form of a formal speech, adapting tone and style for an audience of politicians. - Learners will be able to use a range of vocabulary and sophisticated devices, including examples of rhetoric to effectively to express a point of view. Learners will be able to write in paragraphs using the full range of punctuation for effect.
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	• Develop writing skills by exposing students to more complex texts • Exposing the class to a range of 19th Century fiction and build their confidence to analyse language and structure • to understand family relationships in 19th century literature • to understand aspects of the social and historical context of the 19th century • to understand the use of orphans and vulnerable children as a literary device. • Life of Victorian children/crime/social expectations • The use of language and how it demonstrates ideas • Contextual factors presented in a novel • Reviewing/developing SPAG writing skills	• Understand implied meaning or ideas that are not directly stated • Understand how writers create effects with language and structure. • Understand the writer's purpose and influence in context • Use quotations to support your interpretations ○ Students will learn and explore Dystopian Fiction. ○ Revise concept of persuasive writing for their transactional writing tasks. ○ Pupils will read the novel and be able to comment on characters, setting and plot.	• learners will be able to use a range of sentence types for effect. • Students will be able to express themselves in standard formal English. • In the written form use a range of vocabulary moving towards secure grammatical form. (HPA should aim for secure grammatical form and increasingly ambitious vocabulary). • Students will be able to plan, draft and redraft work to improve their own writing Poetry – Voices of the displaced <u>What knowledge is being developed?</u> • Understanding of key terminology related to poetry • Understanding of how poets use poetry to
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			express perspectives and emotions. • Understanding how poetic techniques are used and how they shape meaning and their effect in poetry. • Understanding of how poetry is created.
Maths	Ratio and Proportion Simplify ratios Sharing in a ratio Ratio problems Conversion graphs Direct proportion Using scales Algebra Expanding a bracket Factorising a bracket Understanding linear graphs Lines parallel to the axis Number Multiplying and dividing fractions	Geometry Area of compound shapes Volume of cubes and cuboids Density, mass, volume Algebra Form and solve equations Form and solve inequalities Simplifying expressions with indices Number Percentages of an amount Increasing/decrease by a percentage Percentage change Standard form Use of a calculator with standard form	Geometry Angles in parallel lines Interior and exterior angles of a polygon Area of a circle and part circle Circumference of a circle Perimeter of a part circle Probability Probability of a single event Two-way tables Frequency trees Statistics Pie charts Line graphs

	Geometry Line and rotational symmetry Reflections	Statistics Using averages and the range to compare data Averages from ungrouped frequency table	Algebra Generating a sequence given a rule Nth term
Science	Light & Sound - focuses on developing foundational knowledge of wave properties and their interactions with matter. Students will learn about the similarities and differences between light and sound waves, how light travels through different materials, and how we see colours. They will also explore reflection and the law of reflection. The Periodic Table - focuses on how elements are organised and how their properties relate to their position. Students learn about the arrangement of elements in periods (rows) and groups (columns), understanding that elements in the same group share similar chemical properties. They also explore the differences between metals and non-metals, and the organisation of the table by increasing atomic number.	Earth & Materials - This area focuses on understanding the composition and properties of materials, and how these relate to the Earth's structure and processes. Pupils learn about the different types of rocks and minerals, the rock cycle, and the structure of the Earth. They also explore the properties of materials, including their physical and chemical characteristics, and how these properties affect their uses. Space - students learn about the composition and features of our solar system, including the Sun, planets, moons, asteroids, and comets. They also explore the concepts of stars, galaxies, and the vast distances within the universe, often using light-years as a unit of measurement. Matter - The curriculum focuses on using the particle model to explain the behaviour of solids, liquids, and	Forces and Motion - covers fundamental concepts in physics, focusing on how forces affect the motion and shape of objects. Students will learn about different types of forces, including contact and non-contact forces, and how to measure and calculate the effects of forces. The curriculum also explores the relationship between forces, mass, weight, and motion, as well as concepts like friction and air resistance. Revision – end of year exams.

	Digestion & Nutrition - focuses on understanding the human digestive system, the importance of a balanced diet, and how food is broken down and absorbed. Students learn about the different types of nutrients, how they are used by the body, and the consequences of dietary imbalances.	gases, including concepts like diffusion and the random movement of particles known as Brownian motion. Students also learn about pressure in gases and how it relates to particle movement and collisions.	
Art	Portraiture Projects based around the theme of Portraiture and the figure, looking at different artists inspired by portraits, self-portraits and the figure throughout their career. Exploring Abstraction playing with proportion. Students will explore and understand the work of Pablo Picasso and Karolina Romanska. They will create 2D and 3D responses.	Portraiture HT3 Continuation of portraiture project up until half term. Students will be working on designing and making clay masks. Birds HT4 Students will understand the work of Mark Powell and create a series of drawings in different materials to explore the theme of 'Birds'. Students will revisit prior knowledge of mark making, tone and detail through drawing whilst being introduced to new techniques and processes.	Birds Students will analyse and understand the work of artists such as Abby Diamond and Pete Cromer exploring both painting and collage. Students will complete a large A3 biro drawing as their end of year assessment testing their knowledge of proportion and demonstrating their mark making skills.

Computing	Using Computers Pupils will learn about using computers safely and effectively. Pupils will learn about using email and the web securely. Pupils will learn methods to judge the reliability of websites. Pupils will consider how copyright can apply to computing projects. Computational thinking Pupils will solve problems using computational thinking. Pupils will learn about Abstraction, decomposition, pattern recognition and algorithms. Pupils will be given problems to solve using Bebras.	Introduction to Python Pupils will be introduced to text-based programming using Python. Python will be used to solve problems and introduce theory behind programming. Pupils will be given problems to solve and create programs to give us answers. Microbit Python Pupils will develop their knowledge and understanding of Python to create programs using a Microbit Computer. Pupils will have problems to solve that will use Python. Pupils will create programs that enable the Microbit Computers to communicate.	Databases Students are introduced to methods of storing and manipulating data with the use of databases. Students will be able to query data and output information. Pupils will create a solution to present to different types of audience. STEM project Students will complete a STEM themed project to combine web searching skills and presentation skills to launch a space rover to Mars. They will be a variety of web skills and problem-solving skills to present to an audience.
French	Usual Holidays, Future Plans, The Media You will be able to: • talk about what you usually do on holiday and where you go	Holidays in the Past, Paris You will be able to: • describe holidays you have been on. • give your opinions of your holidays.	Your Style, Your Passions, Your Plans You will be able to: • talk about the personality of you and your family.

	• explain your daily routine • discuss future plans • say what your TV and film preferences are. • explain your reading preferences • explain what you do, and have done recently, using technology	You will discover information about some of the popular tourist sites in Paris.	• talk about how you get on with your family. • describe your musical and clothing preferences • talk about future plans and compare with things you have
Geography	Development • Shanty towns • Literacy rate • HDI • Life expectancy Glaciation • What is a glacier • How they shape the landscape • Human Impacts	Ecosystems • Rainforest • Antarctica • Hot Desert • Deforestation • Plant adaptations Coasts • Erosion, transport & deposition • Management • Hard, soft, hold the line	Plastic Pollution • Climate crisis • Reduce, reuse, recycle • Garbage gyres
History	Revolution in France The fall of an 'ancient regime', the birth of a Republic and then Napoleon.	The Black Peoples of America The slave trade, the life of a slave, resistance, abolition and Civil Rights.	The British Empire The first settlement in America, piracy, trade, India's independence and Britain's role in the world since 1945.

	The Black Peoples of America The slave trade, the life of a slave, resistance, abolition and Civil Rights.	Industrial Revolution Changes in the countryside, towns and cities. What changed for the nation and the individuals who lived through it?	Health and Disease The study of a significant theme in world history that has impacted our lives so much in recent years.
Life	PSHE • Challenging gender stereotypes • Sexuality and sexual orientation: an introduction • Consent: what is it and why is it essential? • Mental health: talking about our emotions • Self-esteem and confidence • Addictive substances: alcohol RE • Buddhism • Siddhartha Gautama • The Eightfold Path • The Four Noble Truths • Dharma and Buddha's parables • Beliefs about life after death	PHSE • Healthy lifestyles: exercising for physical and mental wellbeing • Healthy lifestyles: taking responsibility for your physical health • Managing risk: looking after your personal safety • Gambling: the facts • Understanding marriage and civil partnerships RE • Islam • Beliefs about Allah • Muhammad's life • The Qur'an • The night of power • Sami Yusuf's message behind his music • Muslim Fashion and dress codes	PHSE • Spotting unhealthy and abusive relationships • Overcoming conflict and finding forgiveness • Harmful relationship behaviours: recognising the signs • Media literacy: interpreting information online • Media literacy: data, advertising, and persuasive design RE • Islam • The 5 Pillars of Islam • Salah • Ramadan • Jihad • Hajj • Zakah

Music	Developing Performance Work Rock and Roll Developing core musical skills and developing performance work. Recap core musical skills such as rhythm, tempo, dynamics as well as singing. Solo and ensemble skills developed through more challenging keyboard work in year 8. Rock and Roll, links to blues, gospel and jazz. Performing walking bass lines and 12 bar blues Musical Theatre, look at characters, motifs, chords, Major/minor, vamps.	Gaming Music Identifying the changing role of musician films and games. Identify job opportunities in the film and gaming industry. Performance and composition task. Learn the origins of Rap Music and the cultural influences of Rap on popular music. Look at lyrics, look at rhyming, look at how social aspects influenced the styles. Write lyrics and compose.	Blues and the cultural influences of Blues on popular music Structures in Music 12 bar blues, blues scale. Look at lyrics. Learn how to improvise, learn how to develop a chord sequence. Write lyrics and compose. How to play as an ensemble and develop their performance skills. Form and Structure, why music has different structures. Composing in a Binary or Ternary Form structure. Performances in Rondo Form, understanding song structure.
PE	• The core skills / tactics and some advanced skills / tactics for a range of activities. • The core terminology. • Core rules, regulations and health and safety of activities • Reasons for the stages of a warm-up • Recap Pe theory • What is good sportsmanship and leadership. • Health and fitness – linking effects on the body's systems. •		

Technology	Technology is delivered on a carousel; students spend 18 hours in one subject area before moving to the next. Food - Functions, food sources and effects of excess and deficiency of Macronutrients: Proteins, Carbohydrates and Fats. Practical skills will be developed to include more complex dishes, and an element of food presentation will be introduced. Students will develop an understanding of how to reduce food waste and global food supply Textiles – Whilst making a soft toy, students will be designing to meet a specification for a client, developing designs to include electronic features. Sustainability will be covered by looking at product lifecycles and the impact at different stages. Students will build confidence threading the machine and basic straight stitching building to greater independence of sewing skills, including using zig zag to applique and sewing curves, basic hand embroidery skills will be introduced Product Design - Students will comprehend the importance of meeting a design brief, they will produce product analysis as research and produce clear specification points. Students will further develop their knowledge of manufactured timber and its properties, will use the method of vacuum forming to create an element of the product, and begin to develop an awareness of thermosetting and thermoforming plastics. Students will explore flow charts and complete practical and theory about Electronics- including 2 different joining methods: terminal blocks and soldering and adhere to and have a solid awareness of Health and Safety. Students will learn how to effectively evaluate projects and include design modifications identified and justified.
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Year 9 Curriculum

	Autumn Term	Spring Term	Summer Term
English	Responsibility and Reckoning - Gothic Fiction <u>What knowledge is being developed?</u> • How to effectively understand and analyse a short story which you have not seen before. This will include finding information quickly, commenting on the effects created by a writer and evaluating viewpoints • Knowledge of the effects of writers' methods and how meaning is created across selected texts. • Understanding of the need for Standard English in formal and informal contexts effectively, including classroom discussion.	Fiction across time and Cultures - Short Stories 20th Century Fiction <u>What knowledge is being developed?</u> • How to effectively understand and analyse a short story which you have not seen before. This will include finding information quickly, commenting on the effects created by a writer and evaluating viewpoints • Knowledge of the effects of writers' methods and how meaning is created across selected texts. • Understanding of the need for Standard English in formal and informal contexts effectively, including classroom discussion.	My Place in the World <u>What knowledge is being developed?</u> • Students will be able to understand how writing changes over time: both in form and subject matter. • Students will learn how writers evoke a response in the reader. • Students will learn the key ideas within the text and be able to consider this in other circumstances. • Students will learn how texts contextual events, both of production and reception affect the way texts are received. • Students will learn how to organise their thoughts for clarity, both for writing and oracy tasks.

	The Crucible – Arthur Miller <u>What knowledge is being developed?</u> - Students will learn the whole play and the political, historical and social context of both production and reception. - Students will learn how the theme of witchcraft also links to our local context- Pendle witches - Students will be able to identify some contextual details from different time periods and understand their relevance to the text. - Students learn the key ideas and issues raised through the text and how Miller uses the characters to express these ideas. - Students will learn how to organise their thoughts for clarity, both for writing and oracy tasks. - Students will learn how to employ vocabulary precisely and creatively.	- Understanding the importance of deploying an increasingly ambitious range of vocabulary and grammatical functions in their own extended writing. Richard III – William Shakespeare <u>What knowledge is being developed?</u> - Students will learn the key parts of play and the context of the early reception. - Students will learn how historical characters can be biased constructs: Richard presented by Shakespeare was not the Richard known in our locality, (links to Penrith castle: noble figure). - Students will be able to identify some contextual details from different time periods and understand their relevance to the text.	- Students will learn how to employ increasingly ambitious vocabulary precisely and creatively. Relationships Poetry <u>What knowledge is being developed?</u> - Students will learn methods for approaching unseen poetry effectively - Students will learn how to scan a text and select relevant textual detail to use as evidence as a starting point for analysis. - Students will be able to identify and comment on the effects of writers' methods and how meaning is created within an unseen text. - Students will learn to make a range of relevant comments within a given time limit. - Students will continue to expand their understanding
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		• Students learn the key ideas raised through the text and how Shakespeare uses the characters to express these ideas. • Students will learn how to organise their thoughts for clarity, both for writing and oracy tasks. • Students will learn how to employ vocabulary precisely and creatively.	of key linguistic terminology and the importance of applying it to a text to evaluate effect.
Maths	Number Use a Venn diagram to find the highest common factor or lowest common multiple Integers, real numbers and rational numbers Find the original value after percentage change Repeated percentage change Simple and compound interest Add, subtract, multiply and divide with a fraction Fraction of an amount Add, subtract, multiply and divide with numbers in standard form	Number Value Added Tax Investments Budgeting Algebra Linear graphs: gradients and intercepts Equation from a graph Gradients and intercepts of real-life graphs Expand double brackets Factorise quadratic expressions	Geometry Pythagoras' theorem Trigonometry Algebra Quadratic graphs Reciprocal and exponential graphs Simultaneous equations Probability Use diagrams to work out probabilities

	Geometry Surface area of cubes and cuboids Volume of a prism and cylinder Algebra Solve equations and inequalities with unknowns on both sides Rearranging equations Ratio, Proportion and Rates of Change Speed, distance and time Distance-time graphs Rates of change	Ratio, Proportion and Rates of Change Direct proportion Inverse proportion Ratio problems Geometry Constructions Congruency Lengths and angles in similar shapes	Relative frequency Probabilities from Venn diagrams Geometry Enlargements Rotations Translation Reflection
Science	Metals & Reactivity This topic introduces students to the concept of reactivity of metals and how they interact with various substances. Students learn about reactions with acids, oxygen, and water, and the development of the reactivity series. Magnetism The magnetism curriculum focuses on understanding the fundamental principles of magnetism, including magnetic	Biological systems In this topic, biological systems of respiration and the skeleton are key topics within the national curriculum. Students learn about the structure and function of the respiratory system, including breathing and gas exchange, as well as the structure and functions of the skeletal system, including bones, joints, and muscles.	Particle Model of Matter This topic explores how the behavior of matter (solids, liquids, and gases) can be explained by considering the movement and arrangement of tiny particles. This model helps us understand concepts like density, changes of state, and the behavior of gases.

	fields, forces, and the properties of magnets and magnetic materials. Students learn about magnetic poles, attraction and repulsion, and how to investigate magnetic fields using tools like iron filings or compasses. They also explore the concept of electromagnetism, where electric currents create magnetic fields. Rate of Reaction The topic of rates of reaction focuses on how quickly chemical reactions occur. Students learn that factors like temperature, concentration, and surface area can affect reaction rates. They will also be introduced to the concept of collision theory, which explains how these factors influence the frequency and energy of collisions between reactant particles, affecting whether a reaction happens.	Cell Biology This covers the fundamental structure and function of cells, including their components and how they interact. It also explores cell transport mechanisms and the importance of cell differentiation in multicellular organisms. Atomic Structure Students will learn about atoms, elements, compounds, and the structure of the atom, including protons, neutrons, and electrons, and their arrangement. The topic also covers the development of the periodic table and the properties of elements based on their position within it.	Revision – End of year assessment Re-teach fundamental concepts and practical skills
Art	Location Pupils will learn how to create Artwork from the theme 'Our Location', using the drawing trip to the promenade as a starting point, students will explore a range of watercolour skills using the dramatic	Location HT3 Students will continue to explore the theme of location through constructed architecture collages. They will go on to create a range of 2D and 3D outcomes from these.	Street Art Cont'd Students will explore Murals around Morecambe and look at the impact street art can have on an area. Students will complete an A4 mixed media study bringing together their knowledge of

	landscape imagery of Morecambe as a starting point. Students will then translate their landscape work into Ceramics, looking at the relief seascape tiles of Hilke Macintyre. Students will then go on to explore Art Deco Architecture, creating patterned stencils and working onto these backgrounds with charcoal exploring the Art Deco Architecture of Morecambe.	Street Art HT4 Students will explore typography, starting off with Semantic typography. They will explore a range of different styles and ideas, both in 2D and 3D. Students will study the work of Banksy as well as a few other street artists, both legal and illegal.	murals and typography as their end of year assessment.
Computing	Networks Pupils will learn about the use of the school network. They will start by looking at Local Area networks to secure key concepts and then expand to the Internet and the World Wide Web. Students also look at threats to a network. Data Representation Pupils will learn how data is represented in a computer. Pupils will learn about binary and how binary can be used to	Programming in Python This unit provides the final opportunity for pupils to embed their programming skills with Python, building on their year 8 work, with a mini project that will allow students to develop some new skills, while independently showcasing skills we have built previously. Students will be expected to show design skills, using algorithms, practical skills in developing a program to	Coding a website This unit builds on the Computer Networks unit by teaching students how to create a webpage. Students learn to code in HTML to create their own web pages, as well as CSS and JavaScript, to apply style and interaction. Cyber Security Students will finish the year learning some planning methods and Photoshop skills.

	generate images and sound on a computer.	solve a problem and show that they can test and evaluate a program against its given purpose	Students will be introduced to online dangers that focus on social manipulation. Pupils will be given a selection of scenarios to pick and present to two different types of audience.
French	Home Life, Your Talents You will be able to: • talk about future plans and compare with things you have done. • describe where you live. • talk about food preferences. • discuss your talents and what you have to do to improve.	Family Life • You will develop your ability to talk about relationships with family and friends. • You will discover how to express whether you would like to get married.	Technology in everyday life You will develop your ability to explain how, why and how often you use technology.
Geography	Tectonics – Volcanoes • Super Volcanoes • Plate Boundaries • Magma • Wegener Tectonics – Earthquakes • Pressure • Richter scale	Globalisation • TNC • Industrialisation • Interdependence • Food miles • Sweatshops • Migration	Urban & Rural Change • Greenbelt • Urban renewal • Sustainable community • Rural depopulation

	• Earthquake proof buildings • Tsunami	Rivers • River features • River processes • Flooding • River management	
History	The Franchise Democracy today, the Chartists, Victorian Britain and the question of equality. World War One Causes, recruitment, propaganda, key battles, the home front and peace.	World War II - Hitler's aggressive foreign policy Dunkirk Battle of Britain Battle of the Atlantic Pearl Harbour D Day The Atomic Bomb	Nazi Germany & the Holocaust The rise of Hitler, life in Nazi Germany, prejudice, discrimination and genocide. USA in the 20th Century Civil Rights in the 1950s: Prejudice, discrimination and segregation in the south. Peaceful protest, a changing society, violent protest, and key individuals.
Life	PSHE • Recognising and preventing discrimination • Practising safe sex • Sex, relationships, and the media	PSHE • Healthy lifestyles: health services, self examination and vaccination • Healthy lifestyles: achieving balance	PSHE • Social influences: tackling peer pressure • Relationships and conflict • Family life: parenthood and caring

	• Harmful sexual behaviours: harassment and the law • Mental health: developing coping strategies • Addictive substances: legal and illegal drugs RE • Crime and Punishment • Christian and Muslim Perspectives • Including causes of Crime, Aims of Punishment and The Death Penalty	• Healthy lifestyles: accessing health services • Financial choices: budgeting, saving, debt • Social influences: young people and gangs RE • Wealth and Poverty • Christian and Muslim Perspectives • Including Christian views on wealth, charity and helping the homeless	• What is good communication? • Sex and consent online RE • Philosophy and Ultimate Question • Is there a God? • How can God and Evil exist? • Is there life after Death?
Music	Reggae Skank, riff, major, minor chords, bass lines, hook, instrumentation, cultural links Performance and song analysis Military Music Fanfares, remembrance, the national anthem and the role of music through practical tasks.	British Pop Music Evolution of British Pop Music. Song analysis, development of the Beatles music over time, links to Oasis, Queen, Bass lines. Hooks, riffs, texture, structure, lead sheets, notation, primary and secondary chords. 'What is Love', 'Mr Brightside'.	Film Music and Great Composers Compositional devices, Film genres, leitmotif, storyboards, creating a composition (Hans Zimmer) Animation/Wallace and Gromit -Differences in regional music Great Composers-Wagner, Beethoven, Tchaikovsky, Vivaldi. Learning about the different periods in music and how music changed over time. Programme Music/ Leitmotif/ ornamentation/polyphonic

PE	• Advanced skills and techniques in a range of activities. • Strategies/tactics/compositional ideas and how to apply them • How to improve performance • Terminology and be effective in chosen role / position. • Short and long term effects of exercise on the body's systems. • Nutrition • Rules/regulations /health and safety / how reduce the chance of injury • Analysis and methods to improve performance
Technology	Technology is delivered on a carousel; students spend 18 hours in one subject area before moving to the next. Food – students will be introduced to HACCP as a food safety protocol as well as developing an understanding of how food can cause ill health. This includes allergies and intolerances and adapting recipes to meet special dietary requirements. Students will be introduced to more complex preparation skills including Julienne, lamination when pastry making, and the whisking method for making cakes. Students will know how to cost and portion a recipe. Textiles - Students will design and make a Tote bag in the style of Victoria Villisana – this will develop students' knowledge and understanding of influences and how these are used in design. Students will develop printing techniques and hand embroidery skills further. More complex seam construction and finish will be included and a knowledge of the 6R's of sustainability will be introduced alongside planning of making and product analysis. Product Design -Research of a designer (Yinka Ilori) and cultural art (Nigerian) and deepen students' knowledge and understanding of influences and how they are used in design. Students will accurately and skillfully design using the designer as inspiration. You will continue to advance your practical skills- using manufactured board. Students will explore mechanisms (pivot) joining methods (bolt and wing nut). Students will develop an understanding of finishes- using Vinyl decals for decorations.

Year 10 Curriculum

	Autumn Term	Spring Term	Summer Term
English Language	Language Component Two: 19th and 21st Century Non Fiction Reading and Transactional Writing <i>Section A (30%)</i> – Reading Understanding of two extracts of high-quality non-fiction writing, one from the 19th century, the other from the 21st century. <i>Section B (30%)</i> – Exploring how to construct transactional/persuasive writing tasks	Language Component One: 20th Century Literature Reading and Creative Prose Writing <i>Section A (20%)</i> – Reading Understanding of one prose extract (about 60-100 lines) of literature from the 20th century <i>Section B (20%)</i> – Prose Writing One creative writing task selected from a choice of four titles	Component Three: Spoken Language Assessment One presentation/speech, including responses to questions and feedback Language Component Two: Transactional Writing <i>Section B (30%)</i> – Exploring how to construct transactional/persuasive writing tasks
English Literature	A Christmas Carol by Charles Dickens • Critical Interpretation: To develop students' ability to read and interpret texts critically and imaginatively, selecting relevant details to support their personal understanding. • Language, Structure, and Form: To explain how Charles Dickens's use of language, the novel's structure, and its form	The Woman in Black by Susan Hill • Critical Reading and Understanding: To comprehend the plot, character motivations, and key events, distinguishing between what is stated explicitly and what is implied. • Theme Exploration: To identify and analyse the prominent themes of isolation, loneliness, fear, and the influence of the past, as well	Macbeth by William Shakespeare • Knowledge & Understanding: To build a strong understanding of Macbeth's plot, key characters (like Macbeth and Lady Macbeth), and central themes, such as ambition, power, and guilt. • Analytical Skills: To teach students how to closely analyse Shakespeare's use of language (including imagery and soliloquies),

	contribute to the presentation of its themes and ideas. • Contextual Understanding: To help students understand how the social, cultural, and historical context of the 19th century influenced the text and its enduring significance. • Thematic Exploration: To explore the major themes in the novella, such as redemption, social injustice, the impact of poverty, family, and the contrast between greed and generosity. • Character Development: To analyse the character development of Ebenezer Scrooge and others, tracking his transformation from avarice to benevolence. • Literary Appreciation: To foster an appreciation for the "power of the English literary heritage" and the skill with which Dickens crafts his story. • Analytical Writing: To enable students to write accurately, effectively, and analytically, using appropriate literary and linguistic terminology to discuss their reading.	as other themes like the supernatural and revenge. • Textual Analysis: To examine how Susan Hill uses literary techniques such as setting, characterisation, atmosphere, and a layered narrative structure to create meaning and effect. • Contextual Understanding: To understand the relationship between the text and the contexts in which it was written and received, considering spiritual, moral, and social aspects. • Analytical Writing: To develop the ability to support a point of view with evidence from the text, using appropriate subject-specific terminology. • Argumentation: To support a viewpoint and build an argument that is conceptualised and well-structured, showing a clear understanding of the novel's ideas.	dramatic techniques, and structural elements within the play. • Critical Thinking: To foster the ability to critically evaluate the play, make reasoned judgments about the text, and form independent ideas about its meaning. • Written Expression: To develop students' capacity to write accurately, coherently, and analytically about their reading of Macbeth, using appropriate grammatical terminology and standard English. • Contextual Awareness: To understand how literary works are influenced by their contexts and to make connections between Macbeth and other texts.
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Maths	Algebra Substitution Simplifying (including laws of indices) Expand and factorise single, then double brackets Solving equations and inequalities Rearranging formulae Solving quadratic equations by factorization *Solving quadratic equations by completing the square Number Percentage change Reverse percentages Simple and compound interest Calculations with fractions *Work with algebraic fractions Ration, proportion and rates of change Sharing in a ratio Combining a set of ratios Ratio and scales	Number Calculations with integers and decimals Order of operations *Convert recurring decimals to fractions Rounding to decimal places and significant figures Estimation *Upper and lower bounds Algebra Linear graphs Midpoint of a line segment *Perpendicular lines Quadratic and cubic graphs *Equation of a circle *Equation of a tangent to a circle Probability Relative frequency Two-way tables Frequency trees Independent events Probability tree diagrams Geometry and measures Area and perimeter	Geometry Angle rules Interior and exterior angles of a polygon Angles in parallel lines Vector notation Calculations with vectors *Vector journey in shapes, parallel vectors Pythagoras' theorem Trigonometry *Area of a non-right angled triangle, Sine and cosine rule Statistics Pie charts Bar charts Time series graphs Frequency polygons Stem-and-leaf diagrams *Histograms, cumulative frequency diagrams and box plots Number Highest common factor Lowest common multiple Powers and roots *Surd
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		Area and circumference of a circle Volume and surface area of a prism Statistics Averages and the range from an ungrouped and grouped frequency table Sampling Scatter graphs	Algebra Simultaneous equations *Simultaneous equations one linear and one non-linear
Biology	B2 Organisation This topic focuses on how living organisms are structured, from the smallest cells to complex organ systems. The topic covers the hierarchical organisation of life, where cells form tissues, tissues form organs, and organs work together in organ systems to carry out specific functions within a living organism. B3 Infection and Response This topic explores how pathogens cause disease and how the body defends itself. It covers various aspects, including the different types of pathogens (bacteria, viruses, fungi, and protists), the spread of communicable diseases, and the body's defense mechanisms like the immune system and vaccination. The topic also delves into the development of drugs to fight disease	B4 – Bioenergetics This covers the processes of photosynthesis and respiration, and how energy is transferred and transformed within living organisms. It explores how plants use photosynthesis to make food, releasing oxygen, which is then used in aerobic respiration by both plants and animals to release energy. The topic also covers anaerobic respiration and the concept of limiting factors in photosynthesis. B5 Homeostasis This topic focuses on the body's mechanisms for maintaining a stable internal environment, essential for optimal cell and enzyme function. Homeostasis regulates factors like body temperature, blood glucose levels, and water levels. It involves receptor cells detecting changes, coordination centers processing this information, and	B5 Homeostasis This topic focuses on the body's mechanisms for maintaining a stable internal environment, essential for optimal cell and enzyme function. Homeostasis regulates factors like body temperature, blood glucose levels, and water levels. It involves receptor cells detecting changes, coordination centers processing this information, and effectors (muscles or glands) bringing about responses to restore balance. This process is crucial for survival and is achieved through both nervous and hormonal control systems. Re-visit B1 – Cell Biology This covers the fundamental structure and function of cells, including their components and how they interact. It also explores cell transport mechanisms and the importance of cell differentiation in multicellular organisms.

	and the importance of hygiene and other preventative measures.	effectors (muscles or glands) bringing about responses to restore balance. This process is crucial for survival and is achieved through both nervous and hormonal control systems. Revision Students will re-cap fundamental concepts taught this year. Students will also be given lots of exam practice ahead of mock examinations within school, part of this will include a pre-seen mock.	
Chemistry	C2 Bonding and Structure This topic focuses on how the type of chemical bonding between atoms determines the structure and properties of substances. Key areas include ionic, covalent, and metallic bonding, along with the structures they form (simple molecules, giant covalent structures like diamond and graphite, and giant ionic lattices). Understanding these concepts explains why materials have the properties they do, such as hardness, melting point, and conductivity. C3 Quantitative Chemistry This topic focuses on using amounts of substances in relation to masses, volumes of gases, and concentrations of solutions. It also covers yield and atom economy of chemical reactions. This section of	C4 Chemical changes This covers various reactions and processes, including the reactivity of metals, acids and alkalis, neutralisation, and electrolysis. Students will learn about the reactivity series, how to extract metals from ores, and how to write balanced chemical equations for reactions. They will also explore the concepts of oxidation and reduction, and how they relate to chemical changes. C5 Energy changes This covers the concepts of exothermic and endothermic reactions, including how to identify them, their energy profiles, and everyday examples. It also explores the use of cells and batteries, including hydrogen fuel cells, to generate electricity from chemical reactions.	C5 Energy changes This covers the concepts of exothermic and endothermic reactions, including how to identify them, their energy profiles, and everyday examples. It also explores the use of cells and batteries, including hydrogen fuel cells, to generate electricity from chemical reactions. Re-visit C1 Atomic Structure Students will learn about atoms, elements, compounds, and the structure of the atom, including protons, neutrons, and electrons, and their arrangement. The topic also covers the development of the periodic table and the properties of elements based on their position within it.

	the chemistry curriculum is crucial for understanding chemical calculations and the practical application of chemistry. C4 Chemical changes This covers various reactions and processes, including the reactivity of metals, acids and alkalis, neutralisation, and electrolysis. Students will learn about the reactivity series, how to extract metals from ores, and how to write balanced chemical equations for reactions. They will also explore the concepts of oxidation and reduction, and how they relate to chemical changes.	C9 -Chemistry of the Atmosphere This focuses on the Earth's atmosphere, its evolution, and the impact of human activities. It covers the composition of the atmosphere, the greenhouse effect, and common atmospheric pollutants. Additionally, the topic delves into crude oil, hydrocarbons, and fuels. Revision Students will re-cap fundamental concepts taught this year. Students will also be given lots of exam practice ahead of mock examinations within school, part of this will include a pre-seen mock.	
Physics	P1 Energy This topic covers the fundamental concepts of energy stores, transfers, and the conservation of energy. Students learn about different types of energy stores (e.g., kinetic, potential, thermal, chemical) and how energy can be transferred between these stores through various processes. The topic also explores the concept of energy dissipation, where energy is transferred to the surroundings, often as heat. P2 Electricity This covers fundamental concepts of	P3 – Particle Model of Matter Students will learn to explain the behavior of solids, liquids, and gases using the concept of tiny particles in constant motion. It covers how particles are arranged, move, and interact, and how this affects properties like density and how materials change state. P4 – Atomic structure and radioactivity This covers the fundamental building blocks of matter and the phenomenon of radioactive decay. It delves into the structure of atoms, including protons, neutrons, and electrons, and explores	P4 – Atomic structure and Radioactivity This covers the fundamental building blocks of matter and the phenomenon of radioactive decay. It delves into the structure of atoms, including protons, neutrons, and electrons, and explores how these particles interact to form isotopes and ions. The topic also examines radioactive decay, its types (alpha, beta, and gamma), and the concept of half-life. Additionally, it addresses the uses and dangers of radiation, emphasizing the importance of safety precautions when working with radioactive materials.

	electrical circuits and mains electricity, including direct and alternating current, energy transfer, and safety features of household circuits. Students will learn about the roles of live, neutral, and earth wires, as well as the dangers associated with electricity.	how these particles interact to form isotopes and ions. The topic also examines radioactive decay, its types (alpha, beta, and gamma), and the concept of half-life. Additionally, it addresses the uses and dangers of radiation, emphasizing the importance of safety precautions when working with radioactive material. Revision Students will re-cap fundamental concepts taught this year. Students will also be given lots of exam practice ahead of mock examinations within school, part of this will include a pre-seen mock.	P7- Magnetism This focuses on the properties of magnets and magnetic fields, including permanent and induced magnetism, and the interaction between magnets and electric currents. Key concepts include magnetic field lines, attraction and repulsion, and the magnetic effects of electric currents.
Science (Combined)	Biology B2 Organisation This topic focuses on how living organisms are structured, from the smallest cells to complex organ systems. The topic covers the hierarchical organisation of life, where cells form tissues, tissues form organs, and organs work together in organ systems to carry out specific functions within a living organism. B3 Infection and Response explores how pathogens cause disease and how the body defends itself. It covers various aspects, including the different types of	Biology B3 – Continued B4 – Bioenergetics This covers the processes of photosynthesis and respiration, and how energy is transferred and transformed within living organisms. It explores how plants use photosynthesis to make food, releasing oxygen, which is then used in aerobic respiration by both plants and animals to release energy. The topic also covers anaerobic respiration and the concept of limiting factors in photosynthesis.	Biology B7 – Ecology This topic focuses on the interactions between living organisms and their environment. This includes studying how organisms depend on each other (interdependence), the factors that affect where organisms live (abundance and distribution), and the cycling of materials within ecosystems. Chemistry C9 – Chemistry of the Atmosphere This focuses on the Earth's atmosphere, its evolution, and the impact of human

	pathogens (bacteria, viruses, fungi, and protists), the spread of communicable diseases, and the body's defense mechanisms like the immune system and vaccination. The topic also delves into the development of drugs to fight disease and the importance of hygiene and other preventative measures. Chemistry C2 Bonding and Structure This topic focuses on how the type of chemical bonding between atoms determines the structure and properties of substances. Key areas include ionic, covalent, and metallic bonding, along with the structures they form (simple molecules, giant covalent structures like diamond and graphite, and giant ionic lattices). Understanding these concepts explains why materials have the properties they do, such as hardness, melting point, and conductivity. C3 Quantitative Chemistry This topic focuses on using amounts of substances in relation to masses, volumes of gases, and concentrations of solutions. It also covers yield and atom economy of chemical reactions. This section of the chemistry curriculum is crucial for understanding chemical calculations	Chemistry C4 Chemical changes This covers various reactions and processes, including the reactivity of metals, acids and alkalis, neutralisation, and electrolysis. Students will learn about the reactivity series, how to extract metals from ores, and how to write balanced chemical equations for reactions. They will also explore the concepts of oxidation and reduction, and how they relate to chemical changes. C5 Energy changes This covers the concepts of exothermic and endothermic reactions, including how to identify them, their energy profiles, and everyday examples. It also explores the use of cells and batteries, including hydrogen fuel cells, to generate electricity from chemical reactions. Revision Students will re-cap fundamental concepts taught this year. Students will also be given lots of exam practice ahead of mock examinations within school, part of this will include a pre-seen mock.	activities. It covers the composition of the atmosphere, the greenhouse effect, and common atmospheric pollutants. Additionally, the topic delves into crude oil, hydrocarbons, and fuels. Physics P7- Magnetism This focuses on the properties of magnets and magnetic fields, including permanent and induced magnetism, and the interaction between magnets and electric currents. Key concepts include magnetic field lines, attraction and repulsion, and the magnetic effects of electric currents. Re-teach – based off mock examination.
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	and the practical application of chemistry. Physics P1 Energy This topic covers the fundamental concepts of energy stores, transfers, and the conservation of energy. Students learn about different types of energy stores (e.g., kinetic, potential, thermal, chemical) and how energy can be transferred between these stores through various processes. The topic also explores the concept of energy dissipation, where energy is transferred to the surroundings, often as heat. P2 Electricity This covers fundamental concepts of electrical circuits and mains electricity, including direct and alternating current, energy transfer, and safety features of household circuits. Students will learn about the roles of live, neutral, and earth wires, as well as the dangers associated with electricity.		
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Core PE	• Knowledge and physical capacity to take part in a range of activities and sports • Continue to develop, skills, tactics and knowledge of a range of sports from KS3 • How to improve performances • A range of roles / positions within sports • Life skills, Sportsmanship and leadership qualities. • Healthy lifestyles and their importance. • Rules/regulations /health and safety / how reduce the chance of injury		
Art	Cultures This project will span the whole year. Students will be led through a range of teacher led skills-based workshops exploring the theme of Cultures. These workshops will be focusing on building knowledge, skills and understanding about how to meet the AQA Assessment Objectives. Students will explore using a range of techniques, media, materials and processes.	Cultures Skills to be covered: · to develop ideas through purposeful investigations. · to demonstrate critical understanding of sources. · to refine ideas. · to select and experiment with appropriate media, materials, techniques and processes. · to record ideas, observations and insights through drawing and annotation, and any other appropriate means relevant to intentions, as work progresses. · to present a personal and meaningful response and realise intentions. · to demonstrate understanding of visual language.	Cultures HT5 Students' projects will become more personal as they start to develop their own responses to the project. Students will select and refine ideas through recognising what has worked in their project and going on to develop their project with this.

Business Studies	Enterprise and entrepreneurship. Spotting a Business Opportunity. Dynamic nature of business, Risk and reward, the role of business enterprise, business revenue and costs, customer needs, market research Putting the idea into practice Market segmentation, the competitive environment, the options for start-up and small businesses, sources of finance	Putting the idea into practice Business aims and objectives, break even, business location, marketing mix Making the business effective and external influences Cash and cash flow, the marketing mix, technology and business Understanding external influences Business plans, Business legislation, Business stakeholders	Understanding external influences The economy and business Growing the business Business growth, business and globalisation, changes in business aims and objectives, ethics and the environment
Ceramics	Cultures This project will span the whole year. Students will be led through a range of teacher led skills-based workshops exploring the theme of Cultures. These workshops will be focusing on building knowledge, skills and understanding about how to meet the AQA Assessment Objectives. Students will learn a range of different surface decoration and	Cultures Skills to be covered: · to develop ideas through purposeful investigations. · to demonstrate critical understanding of sources. · to refine ideas. · to select and experiment with appropriate media, materials, techniques and processes. · to record ideas, observations and insights through drawing and annotation, and any other	Cultures HT5 Students' projects will become more personal as they start to develop their own responses to the project. Students will select elements of Ceramics that they have developed successfully and use this to make their final pieces.

	construction techniques, using clay as their main media.	appropriate means relevant to intentions, as work progresses. · to present a personal and meaningful response and realise intentions. · to demonstrate understanding of visual language.	
Computer Science	Programming fundamentals The use of variables, constants, operators, inputs, outputs and assignments, the three basic programming constructs used to control the flow of a program, the common arithmetic operators, the common Boolean operators AND, OR and NOT, the use of data types Systems and architecture, Memory and Storage The purpose, function and common components of CPU, Von Neumann architecture. The need for primary storage “ The difference between RAM and ROM and their purpose, the need for secondary storage, common types of storage, the advantages	Programming techniques Basic string manipulation, basic file handling operations, the use of records to store data, the use of SQL to search for data “ The use of arrays when solving problems, including both 1D and 2D arrays, how to use sub programs to produce structured code, random number generation Networks and topologies Types of network factors that affect the performance of networks, the different roles of computers in a client-server and a peer-to peer network, the hardware needed to connect stand-alone computers into a Local Area Network, the Internet as a worldwide collection of computer networks, star and Mesh network topologies	Algorithms and programming languages Principles of computational thinking, Identify the inputs, processes, and outputs for a problem, structure diagrams, create, interpret, correct, complete, and refine algorithms, trace table. Searching and sorting algorithms, different levels of programming language, the purpose of translators, the characteristics of a compiler and an interpreter, Common tools and facilities available in an Integrated Development Environment (IDE) Boolean Logic Simple logic diagrams, truth tables, combining Boolean operators, applying logical operators in truth tables to solve problems

	and disadvantages of different storage devices and storage media relating to these characteristics, The units of data storage conversion into a binary format, Data capacity and calculation of data capacity requirements The units of data storage, binary shifts.	Modes of connection, Encryption, IP addressing and MAC addressing Standards/common protocols. Network security Forms of attack, common prevention methods	
Dance (BTEC)	Introduction to Dance · Safety · Warmups and cooldowns · How to create motifs using various methods · Developing motifs using RADS and choreographic devices - Evaluation of own work Students will explore dance and its varying techniques to develop their knowledge of the subject area. They will learn about choreographic processes and develop their knowledge of dance terminology.	Examine in detail one professional practitioners' work Students will in detail for one professional work continue to develop their knowledge of production features, purpose, creative intentions and influences whilst also examining the roles, responsibilities and skills of practitioners, developing knowledge and understanding of how they contribute to performance. They will then produce a project sharing their understanding, to submit for their PSA 1.	PSA 1 Completion, Workshops and Creative task around PSA 3 Complete PSA 1 project and submit. Workshops to develop understanding of different dance performance skills and techniques to prepare for PSA 2, for example facial expressions, Jazz, Musical theatre, contemporary dance. Students will be given the brief from the previous year for PSA 3 choreography and asked to explore and complete a choreography task over a few weeks to develop their creative and choreographic skills.

	Introduction to exploring the Performing Arts Students will learn about the professional choreographers performance material, influences, creative outcomes and purpose for three professional works in Dance.		
Enterprise (BTEC)	Component 1: Understand how and why enterprises and entrepreneurs are successful Aims, size, ownership, activities of micro enterprises, skills and characteristics needed to run an enterprise Component 1 assessment preparation and completion Activities of a business Skills of an entrepreneur Market research	Component 1: Understand customer needs and competitor behaviour through market research. Understand how the outcomes of situational analyses may affect enterprises Market research, customer needs, competitor behaviour, situational analysis, SWOT, PEST Component 1 PSA preparation and completion Market research SWOT PEST	Component 3: Marketing and financial documents in a business Segmentation, Product, price, promotion, place, 4Ps, trust, reputation and loyalty, sources of finance, payment methods, revenue and costs, cash flow Component 2: Choose an idea and produce a plan for a microenterprise idea Potential ideas, micro enterprise activities, skills audit, market research Business planning Business plan, activities, aims, target market, marketing mix

			Component 2 PSA preparation and completion Micro-enterprise ideas Final justification Business plan
French	Identity and relationships with others • Personality descriptions • Adjective agreement • The present tense (regular -er) • Your future plans • Ne...aucun • The future tense (regular -er) • Different types of families • Comparative adjectives • The present tense (regular -ir) • Friends and Friendship • Impersonal verbs • The present participle (regular) Healthy Living and Lifestyle • Health problems and addictions • The near future tense • Healthy choices • Avant de + infinitive	Education and work • Studies post-16 • Nouns ending in -ation • Negative constructions • Your dream school • Superlative adjectives • Jobs in the creative industries • Indefinite articles • Il y a and Il y aura • Work experience • Adverbs of quantity • Être en train de and venir de + infinitive Free-time activities • Leisure activities in the past • Empathetic pronouns (moi, toi) • The perfect tense (irregular past participles) • TV, cinema and music	Customs, festivals and celebrations • Describing popular customs in the past • Y and en • The imperfect tense • Past and future festivals • Definite and indefinite articles • 2 tenses together (past and near future) • Planning a trip to a festival • Relative clauses with que, qui, quand, où • The future tense (être, avoir, aller, and faire) • Superlative adjectives (revise) Celebrity culture • Tips on becoming famous • Infinitives used as nouns • The imperative (tu and vous form)

	• 2 tenses together (present and future) • Recent activities • Indirect object pronouns • The perfect tense (regular with avoir) • The challenges of a healthy lifestyle • Impersonal expressions • The present participle (irregular)	• Reflexive pronouns in the correct position • Reflexive verbs (present/plural) • Leisure activities around the world • En and à with places • The perfect tense with être • Extreme sports • Agreement with preceding direct object pronouns • Modal verbs (perfect tense)	• How and why people might become famous • Emphatic pronouns (lui, elle, nous, vous, eux, elles) • The conditional (avoir, être, faire, aller) • Pros and cons of being famous • Possessive adjectives • The present tense (avoir, être, faire, aller) • French-speaking celebrities • Il y a and depuis • The perfect tense (reflexive verbs)
Geography	Changing patterns of Retailing & Leisure • Retail zones • High street • Honeypot Urban & Rural processes & change in the UK • Wealth & Poverty • Rural Communities • Sustainable communities • Greenbelt	Global Cities & Development Issues • Global cities • Sydney & Mumbai • Globalisation • LIC/NIC/HIC • Urbanisation Coastal processes & management • Waves, LSD, headland & Bays • Hard & soft management	River Processes & Management • Stores, flows • Flooding • Erosion, transport & deposition Fieldwork • Salford Quays • Morecambe Promenade

History	The USA 1954-75 Civil Rights: Prejudice, discrimination and segregation in the south. Peaceful protest, a changing society, violent protest, and key individuals. The origins of the Cold War, 1941-58 Origins of the Cold War and the development and intensification of the Cold War. Cold War Crises, 1958-70 The intensification of tension in the Cold War and the crises of the Cold War and their impact.	The end of the Cold War, 1970-1991 Attempts to reduce tension between East and West in the Cold War. Flashpoints and the collapse of Soviet control of Eastern Europe. US involvement in the Vietnam War, 1954-75 Reasons for the US conflict in Vietnam and the escalation of the conflict under President Johnson. The nature of the conflict in Vietnam and changes under President Nixon 1968-73	Anglo-Saxon & Norman England Anglo-Saxon society, how the Normans conquered England and established control of the nation. William I in power, 1066 -1087 How William I established control. Causes and outcome of Anglo-Saxon resistance 1068-71 and the revolt of the Earls 1075. The legacy of resistance to 1087.
Health & Social Care (BTEC)	Component 1 A1 Human growth and development across life stages Students will explore different aspects of growth and development across the life stages using the physical,	Component 1 B1&2 Understand how individuals deal with life events Students will explore life events that occur in an individual's life. Learners will explore the different events that	Component 2: Learning outcome A Understand the different types of health and social care services available to patients with different needs

	intellectual, emotional and social (PIES) classification. A2 Factors affecting growth and development Students will explore the different factors that can affect an individual's growth and development. Different factors will impact on different aspects of growth and development	can impact on people's PIES development. Component 1 PSA preparation and completion PIES growth and development through the life stages Impact of life events on PIES growth and development	Learning outcome B Understand the skills, attributes and values required of health and social care staff to give good care to all patients
Hospitality & Catering	The environment in which hospitality and catering providers operate • describe the structure of the hospitality and catering industry - commercial and non-commercial, residential, non-residential • types of food service and residential services • Standard and ratings • analyse job requirements within the hospitality and catering industry • describe working conditions of different job roles across the hospitality and catering industry	Explain how hospitality and catering provision meet customer requirements Linking this content to types of establishments introduced last term. Food Safety in Hospitality and Catering • food related causes of ill health • food safety legislation • role of the environmental health officer. • HACCP	Mock Unit two Students will attempt to complete a mock under time conditions They will complete two practical dishes as part of this. Factors that affect the success of hospitality and catering providers Students will be able to explain how the following factors influence the success to H&C providers • Costs, profit • Economy, environment • Technology

	How hospitality and catering provision operates - describe the operation of the kitchen - describe the operation of front of house Development of practical skills	Explain how hospitality and catering provision meet health and safety requirements - Health and Safety at Work Act - RIDDOR - COSHH - Manual Handling Operations Regulations - PPER	- Emerging cooking techniques and trends - Customer demographic/lifestyle and expectations - Customer service - Competition - Political factors - Media
iMedia (BTEC)	Visual identity Produce design concepts for a visual identity based on a client brief Photoshop Skills Use a range of tools in Photoshop to create an effective image	Creating a visual identity Create an image that meets the need of a client Media industry sectors and jobs Learn about iMedia in the real world. What jobs and sectors use the skills and understanding from this course.	Client requirements and factors influencing design Learn about the need for a client brief. Learn how to interpret a client brief Planning documentation Learn about a range of methods used for pre-production planning
Life	PSHE - Challenging prejudice and discrimination - Sexuality and sexual orientation: coming out - Understanding pregnancy: your choices - Sexual health: choosing and accessing contraception	PSHE - What is a healthy lifestyle? - Health-related choices: blood, organ and stem cell donation - Health-related choices: aesthetic procedures - Alcohol: risks, consequences, and safety	PSHE - Navigating social influence and pressure - The impact of relationships - Changing relationships: managing your feelings - Recognising and challenging misogyny

	- Understanding menstrual health: conditions and self-advocacy - An introduction to body image - Recognising strengths in ourselves and others RE - Challenging Religious Prejudice	- Managing risk: unsafe and emergency situations - Planning and organising: revising effectively - Bullying: offline and online RE - Relationships Across Different Faiths	- Stalking, sexual harassment, and reporting - Staying safe online: protecting your personal data - Staying Safe Online: AI, risks, and critical thinking RE - Gender and Faith
Music GCSE	Area of Study 1: Musical Forms and Devices Through listening to and/or playing examples of Western Classical Tradition (1650-1910) Learners will identify the main features of binary, ternary, minuet and trio, rondo, variation and strophic forms, including how composers use the musical devices. Set Work: Badinerie by J.S Bach	Area of Study 4: Popular Music Learners will develop an understanding of popular music: pop, rock and pop, bhangra and fusion You will study: Instrumental and synthesised sound is used Original music may be modified Vocal sounds are used Instruments and voices combined Sound is computer generated and amplified Software and samplers utilised Set Work: Africa: Toto	Area of Study: Film Music Learners will develop an understanding of film music including the use of timbre, tone, colour and dynamics for effect. Leitmotifs and thematic transformation The impact of an audience Music technology to enhance sonority Minimalistic techniques that are used in films
PE	Musculo-skeletal system Cardio-respiratory system	Anaerobic/Aerobic energy systems Short/Long term effects of exercise	Movement analysis Physical training Sports Psychology

Product Design	Technical Principles - Design and technology and our world. The impact of new and emerging Technologies and how the evaluation of these informs design. To include environmental issues and ethics How energy is generated and stored, and which are appropriate to make products. Wooden trinket box- an immersive project designed to develop proficiency, in traditional joinery, material properties, and critical product evaluation.	Design movements or Airbus, Apple, James Dyson, Phillippe Starck or Matthew Williamson Smart materials, composites and technical textiles Developments in modern and smart materials, composite materials and technical textiles Electronic systems and programmable components How electronic systems provide functionality to products and processes, including sensors and control devices to respond to a variety of inputs, and devices to produce a range of outputs. Programmable components The use of programmable components to embed functionality into products in order to enhance and customise their operation The function of mechanical devices How mechanical devices can produce different sorts of movement to change the direction of forces. Jewellery Project, structured as a mini-NEA. This unit prioritises contextual exploration, rigorous user research, and iterative design development.	Natural and manufactured timbers. Thermoforming and Thermosetting polymers The sources, origins and physical properties. Material selection based on economic and environmental factors. Stock forms, types and sizes. Alternative processes to manufacture in different scales of production. Specialist techniques and processes that can be used to shape, fabricate, construct and assemble a high-quality prototype. A variety of surface treatments for both aesthetic and functional reasons. Thermoforming and Thermosetting polymers AO1 Analysing contexts and identifying design briefs A01- NEA
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Sport (BTEC)	Nutrients Principles of training	Organising and planning a fitness programme Evaluate own performance	Components of fitness Dietary requirements
Textiles	Dyeing, Printing and surface decoration Fibres and fabrics – materials sustainability Fabric construction techniques – properties and uses. Types of weave. Selecting materials, surfaces for dyeing and printing. New and emerging technologies Fairtrade and exploitation of workers. Sustainability – people Sustainability – hand techniques and natural dyes. Resist methods of dyeing. Influences and in spiration – cultural - Ankara design Hand embellishments – applique, quilting, embroidery. Finite and non-finite resources Group project - produce wall-hanging with individual panels.	Dress for Africa Pattern marking and fabric utilisation Scales of production – production systems – JIT Equipment Construction techniques – darts, seams, pleats, frills, hems Sustainability – 6r's and ethical disposal Product lifecycle Design a button, plastics knowledge. Components and fastening – button and beads Designing History of costume, style features e.g. hemlines, sleeves, necklines Designing a range Matthew Williamson Designing for groups in society, cultural, religious, cult influences. Ergonomics and anthropometrics Primary and secondary research. Design specifications Mood boards	Mechanisms Electrical and mechanical components, gears, pulleys, levers. Materials – card and paper Electrical systems and components Festival wristband – e textiles and electronic features. Materials – metals Fastenings and components - Velcro Materials – Timbers Half term 6 NEA

	Industrial landscapes Methods of printing – transfer printing, sublimation printing and screen printing – hand and industrial. CAD/CAM and scales of production. Sustainability man-made dyes and machine techniques Influences and inspiration other artists and designers – Leah Higgins, Cathy Read. Finishing edges. Embellishment techniques – machine – embroidery, distressing, hot spots and foils Design and make a cushion. Construction techniques plain seams Component and fastening - inserting a zip.	Using templates and exploded views Political and global influence Modern materials, smart materials, technical textiles	
Travel & Tourism	Component 1: Travel and tourism destinations Learning Aim A Aims, size, ownership, activities of travel and tourism organisations, accommodation, transport, visitor attractions, tour operators, travel agents, ancillary services, technology	Component 1 assessment preparation and completion Component 1 PSA preparation and completion Explore popular visitor destinations The suitability of travel routes	Component 2: Customer Needs in Travel and Tourism Learning Aim A Market research, qualitative, quantitative, customer needs and preferences, trends, segments, customer satisfaction

	Component 1 assessment preparation and completion Ownership, aims, products and services of a T&T organisation Working together Consumer technologies Component 1: Travel and tourism destinations Learning Aim B Visitor destinations, cities, coastal, countryside, heritage, climate, purpose-built, natural, domestic, inbound, outbound, visitor type, transport, different types of T&T activities, popularity of destination for visitor types		Component 2: Customer Needs in Travel and Tourism Learning Aim B Products, services, facilities, leisure, corporate, specialist, VFR, day trips, Travel plan, costs, excursions, customer needs and preferences. Component 2 PSA preparation and completion Customer travel plan Documentation to support travel plan Market research
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Year 11 Curriculum

	Autumn Term	Spring Term	Summer Term
English Language	Revision of Language Component One: • Reading Skills: To enable students to read a wide range of texts with deep understanding, identify key ideas and themes, and use evidence from texts to support their interpretations. • Writing Skills: To teach students to write effectively and coherently, using Standard English and a broad vocabulary, while also developing their creative and narrative writing skills. • Language Awareness: To develop an understanding of how language works, including the patterns, structures, and conventions of written and spoken language. • Analytical Skills: To cultivate critical thinking and analytical skills, enabling students to explore and understand the	Revision of Language Component Two: • Critical Reading and Comprehension: Students are expected to read a range of non-fiction texts with fluency and understanding, identifying themes, ideas, and information. • Analytical Skills: The component requires students to analyse texts critically, understand how writers use language and structure to achieve specific effects, and interpret information and compare texts. • Effective Writing: Learners will practice writing coherently and effectively, adapting tone, style, and register for different purposes, audiences, and contexts. • Grammar, Punctuation, and Vocabulary: A strong emphasis is placed on using grammar and punctuation accurately,	Personalised revision for the external exams

	use of language in various contexts, including multi-modal forms.	along with a wide and appropriate vocabulary, and correct spelling.	
English Literature	Poetry Anthology: • Develop Critical Reading Skills: Students will learn to read poems critically and evaluatively, engaging deeply with the texts. • Promote Wide Reading and Appreciation: The unit encourages students to read widely, appreciate the depth of the literary heritage, and understand the power of literature. • Enhance Analytical Skills: Learners will develop the ability to analyse how writers use language, structure, and form to convey their messages and express ideas. • Understand Literary Context: Students will explore the relationships between the poems and the contexts in which they were written, including cultural	Unseen Poetry: • Analytical Skills: Students will develop the ability to analyse unseen 20th and 21st-century poems, identifying key themes and ideas. • Technical Analysis: Students will learn to evaluate how poets use language, structure, and form to create meaning and effects in their work. • Comparative Skills: The unit requires learners to compare two unseen poems on a similar theme, making connections between them. • Critical Thinking: Learners are encouraged to think critically about the texts and develop their own interpretations. • Textual Support: Students must support their analysis and comparison with relevant quotations and references from the poems.	Revision for external examination

	perspectives and societal influences. • Master Literary Terminology: The unit aims to ensure students can accurately use and apply a range of literary concepts and terminology. • Develop Effective Written Expression: Students will practice writing accurately, analytically, and coherently in Standard English, using appropriate quotations from the texts. • Make Connections Across Texts: A key goal is to enable students to make meaningful connections across their reading of different poems.		
Maths	Ratio, Proportion and Rates of Change Direct and inverse proportion Conversion graphs Exchange rates	Algebra Quadratic, cubic and reciprocal graphs *Composite and inverse functions *Transformations of the graph of a function Form and solve equations and inequalities *Quadratic inequalities *Iteration	Revision for external exams

	Geometry Plans and elevations Volume of a cylinder, sphere, cone and pyramid Surface area of a sphere, cylinder, cone and pyramid Similarity and congruence Area of a sector Arc length and perimeter of a sector *Circle theorems *Problems with vectors Algebra Arithmetic and geometric sequences Nth term of a linear sequence *Nth term of a quadratic sequence Number Standard form Calculations with numbers in standard form Probability Venn diagrams	Ratio, Proportion and Rates of Change Speed, distance and time Distance-time graphs *Velocity-time graphs Density and pressure Geometry Bearings Problems involving angles in parallel lines and right-angled triangles *Problems with bearings using sine and cosine rules Constructions Loci Enlargement, rotation, reflection and translation	
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Biology	Biology B5 Homeostasis This topic focuses on the body's mechanisms for maintaining a stable internal environment, essential for optimal cell and enzyme function. Homeostasis regulates factors like body temperature, blood glucose levels, and water levels. It involves receptor cells detecting changes, coordination centers processing this information, and effectors (muscles or glands) bringing about responses to restore balance. This process is crucial for survival and is achieved through both nervous and hormonal control systems.	Biology B6 – Inheritance, Variation & Evolution This covers how genetic information is passed from parents to offspring, leading to variation within populations, and how this can lead to evolutionary change. It explores the roles of DNA, genes, and chromosomes in heredity, and the processes of sexual and asexual reproduction. The topic also examines how environmental factors can influence the observable characteristics of organisms (phenotype).	Revision for external exams
Chemistry	C9 – Chemistry of the Atmosphere This focuses on the Earth's atmosphere, its evolution, and the impact of human activities. It covers the composition of the atmosphere, the greenhouse effect, and common atmospheric pollutants. Additionally, the topic delves into crude oil, hydrocarbons, and fuels. C7 – Organic Chemistry This topic covers the structure, properties, and reactions of various organic molecules, including	C10 – Using resources focusing on how humans utilise the Earth's resources and the importance of sustainable development. It explores the difference between finite and renewable resources, methods of resource extraction and processing, and strategies for reducing resource consumption and waste.	Revision for external exams

	hydrocarbons, alkenes, and alcohols. A key aspect is understanding how crude oil is a source of these compounds and how it's processed using fractional distillation and cracking. C8 – Chemical Analysis This topic focuses on identifying, separating, and quantifying substances. Key topics include purity and formulations, chromatography, and tests for different ions. Students will learn about both simple chemical tests and instrumental methods for analysis.		
Physics	P5 – Forces This covers the fundamental concepts of forces, their interactions, and how they affect motion and energy. Key topics include scalar and vector quantities, contact and non-contact forces, gravity, resultant forces, work done and energy transfer, forces and elasticity, and moments, levers, and gears (for separate science). This unit also explores Newton's Laws of Motion and the concepts of momentum and pressure in fluids.	P6 – Waves This topic covers the properties of waves, types of waves (transverse and longitudinal), and electromagnetic waves. Key topics include wave characteristics (amplitude, wavelength, frequency, period, and wave speed), reflection and refraction, and the electromagnetic spectrum. Practical applications of electromagnetic waves are also explored.	Revision for external exams

Science (Combined)	Biology B5 Homeostasis This topic focuses on the body's mechanisms for maintaining a stable internal environment, essential for optimal cell and enzyme function. Homeostasis regulates factors like body temperature, blood glucose levels, and water levels. It involves receptor cells detecting changes, coordination centers processing this information, and effectors (muscles or glands) bringing about responses to restore balance. This process is crucial for survival and is achieved through both nervous and hormonal control systems. Chemistry C10 – Using resources This topic focuses on how humans utilise the Earth's resources and the importance of sustainable development. It explores the difference between finite and renewable resources, methods of resource extraction and processing, and strategies for reducing resource consumption and waste. Physics P5 – Forces This covers the fundamental concepts of forces, their	Chemistry C6 – Rate of Reactions This topic focuses on the rate and extent of chemical change. This topic explores how quickly reactions occur (rate) and how far they progress (extent), including factors that influence these aspects and the concept of equilibrium. C7 – Organic Chemistry This topic covers the structure, properties, and reactions of various organic molecules, including hydrocarbons, alkenes, and alcohols. A key aspect is understanding how crude oil is a source of these compounds and how it's processed using fractional distillation and cracking. C8 – Chemical Analysis This topic focuses on identifying, separating, and quantifying substances. Key topics include purity and formulations, chromatography, and tests for different ions. Students will learn about both simple chemical tests and instrumental methods for analysis. Physics P6 – Waves This topic covers the properties of waves, types of waves (transverse	Revision for external exams
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	interactions, and how they affect motion and energy. Key topics include scalar and vector quantities, contact and non-contact forces, gravity, resultant forces, work done and energy transfer, forces and elasticity, and moments, levers, and gears (for separate science). This unit also explores Newton's Laws of Motion and the concepts of momentum and pressure in fluids.	and longitudinal), and electromagnetic waves. Key topics include wave characteristics (amplitude, wavelength, frequency, period, and wave speed), reflection and refraction, and the electromagnetic spectrum. Practical applications of electromagnetic waves are also explored.	
Core PE	• Knowledge and physical capacity to take part in activities and sports outside school and later life • Continue to develop, skills, tactics and knowledge of a range of sports • A range of roles / positions within sports • Life skills, Sportsmanship and leadership qualities. • Healthy lifestyles and their importance. • Health and safety and ways to minimise risk.		
Art	Cultures Continued Students' projects will become more personal as they start to develop their own responses to the project. Students will select and refine ideas through recognising what has worked in their project so far and go on to develop their project with this. Students will complete a series of large scale outcomes on a theme of choice linked to	Externally Set Assignment Externally set assignment (ESA) papers are available to students and teachers from 2 January. A preparatory period is followed by 10 hours of supervised, unaided work in which students are required to realise their intentions. Students select one from seven possible starting points on the	Externally Set Assignment Externally set assignment (ESA) papers are available to students and teachers from 2 January. A preparatory period is followed by 10 hours of supervised, unaided work in which students are required to realise their intentions.

	previous work to support the portfolio of work which is 60% of the GCSE grade.	paper. Teachers introduce and discuss all of the starting points with the students. Students choose the starting point they wish to develop.	10 hours of Supervised time to complete final pieces.
Business Studies	Making marketing decisions Product, price, promotion, place Making operational decisions Business operations, working with suppliers, managing quality, the sales process	Making Human resource decisions Organisational structures, effective recruitment, effective training and development, motivation Making financial decisions Gross profit, net profit, average rate of return, quantitative business data	Revision for external exams
Ceramics	Cultures Continued Students' projects will become more personal as they start to develop their own responses to the project. Students will select elements of Ceramics that they have developed successfully and use this to make their final pieces. Students will also construct and make further outcomes linked to	Externally Set Assignment Externally set assignment (ESA) papers are available to students and teachers from 2 January. A preparatory period is followed by 10 hours of supervised, unaided work in which students are required to realise their intentions.	Externally Set Assignment Externally set assignment (ESA) papers are available to students and teachers from 2 January. A preparatory period is followed by 10 hours of supervised, unaided work in which students are

	their theme in the Autumn term to support their Portfolio which is worth 60% of their GCSE.	Students select one from seven possible starting points on the paper. Teachers introduce and discuss all of the starting points with the students. Students choose the starting point they wish to develop.	required to realise their intentions. 10 hours of Supervised time to complete final pieces.
Computer Science	Producing Robust programs Defensive design considerations, input validation, maintainability, the purpose of testing, types of testing, identify syntax and logic errors, selecting and using, refining algorithms	Ethical, legal, cultural and environmental impact Impacts of digital technology on wider society including ethical issues, legal issues, cultural issues, environmental issues, privacy issues, legislation relevant to Computer Science Systems software The purpose and functionality of operating system, the purpose and functionality of utility software	Revision for external exams
Dance (BTEC)	PSA 2 - Developing Skills and Techniques in the Performing Arts Develop skills and techniques during the rehearsal process	PSA 3 – Responding to a brief. Developing ideas in response to the brief; working effectively as a member of the group. Practical exploration and development of	PSA 3 Submission Workshop Final Performance Demonstrating the effective use of performance skills and

	• Apply skills and techniques in rehearsal and performance • Review own development and performance Using one professional dance, students will work towards recreating the dance by developing their skills and techniques in rehearsal practice, recall and repeat, reproduce the repertoire, warm up and cool down, work with others, develop professional practice, peer assessment, absorbing and applying feedback from teacher/peers, reviewing and recording skills development. They will then apply the skills and techniques during the performance of the dance they have learnt in the final filming. To conclude, they will develop skills and develop an evaluation of their performance.	ideas; working effectively as a member of the group. Selecting and demonstrating skills and techniques; taking part in the rehearsal process, including individual preparation and group rehearsals.	techniques in a workshop performance; demonstrating and sustaining skills in performance. Ideas/Skills Log Written Task Students reflect on how they contributed to initial ideas and exploring activities; how they contributed to the development process; their skills and techniques. Evaluation Log Written Task Students reflect on their contribution to the workshop performance outcome, including the effectiveness of their response to the brief, individual strengths and areas for improvement, and the overall impact of the work of the group.
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Enterprise (BTEC)	Business planning Business plan, activities, aims, target market, marketing mix, financial validity, Risk assessment. Component 2 PSA preparation and completion Micro-enterprise ideas Final justification Business plan Business pitch Evaluation of plan and pitch	Component 3: Marketing and financial documents in a business Income statements, profitability ratios sources of finance. Financial management Balance sheets, liquidity Cash flow Budgets, break even	Revision for external exams
French	Travel and tourism, including places of interest • Travel, including means of transport, weather, descriptions and preferences with advantages and disadvantages • Imperfect tense of être, avoir, faire • Revising adjective agreements • Preferences for types of holiday time activities, including past experiences and future plans • Future and near future together	Media and technology cont'd • Mobile technology, including computers, phones, tablets and other devices, reasons for personal use with advantages/disadvantages • 3 time frames • Adjectives beginning with in- or im- • Opinions about the importance of technology to young people and to society • The imperative • Après avoir/être + past participle	Revision for external exams

	• Dans and en • Destinations including descriptions and preferences • Perfect and imperfect together • Pour and sans + infinitive • Opinions about the importance of holidays, ideal holidays • Places of interest locally and elsewhere, including descriptions and preferences • Passive • Revising y and en Media and technology • The internet, how it is used, frequency of use, preferences, advantages/disadvantages • Present and past together • Opinion/modal verbs + infinitive • Social media, including reasons for and frequency of use, different apps/platforms, advantages/disadvantages • Modal verbs in perfect tense • Personne ne... and rien ne...	The environment and where people live • Where people live: description of local area, buildings, things to do and see, opinions of local facilities, including advantages /disadvantages • Je voudrais • Infinitives used as nouns • Ideal home and area, future intentions on where to live with reasons • Negatives • Partitive articles: du, de la, de l', des • Local environment: environmental issues, personal contribution to counteract problems in the past//present/future • Modal verbs in the present • Si and quand • Global environmental issues e.g. climate change, environmental damage, including opinions • Revising the conditional of regular -er verbs • Indirect object pronouns (plural forms)	
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Geography	Weather & Climate Change • Weather Systems • Drought, cyclones • Global Warming • UK air masses Water Supply & demand • Biomes • Nutrient Cycles • Hot semi-arid grassland • Urban Ecosystems	Ecosystems & Ecosystems Under Threat • Biomes/cycles • Human threats • Overfishing • Deforestation • Ecotourism	Revision for external exams
History	US involvement in the Vietnam War, 1954-75 Reasons for the US conflict in Vietnam and the escalation of the conflict under President Johnson. The nature of the conflict in Vietnam and changes under President Nixon 1968-73 Crime and punishment in Medieval England, 1000-1500 The nature and changing definitions of criminal activity in this period. The nature of law enforcement and punishment.	Crime and punishment in early modern England, 1000-1500 The nature and changing definitions of criminal activity in this period. The nature of law enforcement and punishment. Crime and punishment 1700-present day The nature and changing definitions of criminal activity in this period. The nature of law enforcement and punishment.	The historic environment: Whitechapel c1870-c1900 Crime, policing and the inner city in Whitechapel. Revision for external exams

Health & Social Care (BTEC)	Component 2 PSA preparation and completion Task 1: How health care services work together to meet the needs of an individual Task 2: How social care services meet the needs of an individual Task 3: Barriers an individual could face when accessing services in health or social care Task 4: How health care professionals demonstrate the skills, attributes and values when delivering care to an individual Task 5: How the skills, attributes and values of care professionals can help an individual to overcome potential obstacles	Component 3 A Factors that affect health and wellbeing B Interpreting health indicators Students will explore how factors can affect an individual's health and wellbeing positively or negatively. Students will then explore how physiological indicators are used to measure health. C1 Person-centred approach C2 Recommendations and actions to improve health and wellbeing Students will explore the use of the person-centred approach in health and social care settings Students will explore recommendations and actions that are aimed at improving health and wellbeing, alongside support available for achieving this	Revision for external exams
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Hospitality & Catering	Nutrients and their functions Macro nutrients: Protein, carbohydrate and fats Micronutrients: vitamins and minerals Nutrition at different life stages focus on target groups from Controlled Assessment tasks set by the exam board. Cooking Techniques and their impact on the nutrition content of food. Controlled Assessment begins Cooking Techniques and their impact on the nutrition content of food. Recap – Factors that influence menu planning from last year.	Controlled assessment continues PRACTICAL EXAM WILL TAKE PLACE	Revision for external exams
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iMedia (BTEC)	Creating assets for a final product Technical skills to create characters for use as components within comics Tools within digital character creation (graphics editing/modelling) software drawing tools colour tools arrangement tools Creating and testing the product Use technical skills to create a comic book strip based on a client brief	Improving and reviewing the product Technical testing of a product and a review that included suggestions for further development Research methods and media codes Learn about research methods in media Learn about the media codes used to convey meaning	Legal issues and Distribution Learn about the legal issues that affect media Learn how media can be distributed to the audience Revision for external exams
Life	PSHE • Know your rights: the Equality Act 2010 • Understanding pornography • Understanding consent and intimacy: offline and online • Sexual health: preventing and treating STIs • Understanding fertility, parenthood, and pregnancy loss	PSHE • Illegal drugs: risks, consequences, and support • Managing our health: services and support • Substance addiction: how to seek help • Managing our health: screening, prevention, and medicines • Gambling: risks, consequences, and safety	PSHE • Navigating changes in romantic relationships • Rights and responsibilities: marriage and civil partnerships • Taking others' perspectives • Control, coercion, and grooming

	• Mental health: building resilience • Mental health: recognising challenges and identifying support RE • Religion and Equality	• Financial choices: managing finances in the world of work RE • Marriage Across Faiths • Religious Perspectives	• Staying safe online: misinformation and extremism • Staying safe online: harmful content and scams RE • Religious Extremism
Music	Area of Study 4: Popular Music Learners will develop an understanding of popular music: pop, rock and pop, bhangra and fusion You will study: Instrumental and synthesised sound is used Original music may be modified Vocal sounds are used Instruments and voices combined Sound is computer generated and amplified Software and samplers utilized	Area of study 2: Music for Ensemble Develop and understand sonority and texture, including instrumental and vocal groupings. Chamber Music, Musical Theatre, Jazz and Blues, vocal ensembles, jazz/blues trio, rhythm section, string quartet, basso continuo, sonatas.	Revision for external exams.
PE	NEA completion	Social and cultural Health, fitness and wellbeing	Revision for external exams

Product Design	NEA Completion	NEA Completion	Revision for external exams
Sport (BTEC)	Organising and planning a fitness programme Evaluate own performance	-Reducing the risk of sports injuries and dealing with common medical conditions	Revision for external exams
Textiles	NEA completion	NEA Completion	Revision for external exams
Travel & Tourism	Component 2 Market research trends Meeting customer needs Component 2 PSA preparation and completion Market research trends Meeting customer needs Component 3 Factors affecting global travel; natural disasters, health risk, media factors	Component 3 Factors affecting global travel; economic, political, safety Responding to factors; organisations, Government and voluntary organisations Impact of travel and sustainability Managing socio-cultural, economic and environmental impacts Tourism development and the role of Governments Importance of partnerships in destination management	Revision for external exams

Year 12 Curriculum

	Autumn Term	Spring Term	Summer Term
English Language	Paper 1: Language, the individual and society Paper 2: Language diversity and change • Textual Variations • methods of language analysis • how identity is constructed • how audiences are addressed and positioned • the functions of the texts • the structure and organisation of the texts • how representations are produced • Language Gender • Language and Region	Paper 1: Language, the individual and society Paper 2: Language diversity and change • Language and Occupation • Language and Social Groups • Child Language Development - Spoken • Introduction to NEA • NEA – Original Writing	Paper 1: Language, the individual and society • NEA – Language Investigation • Child Language Acquisition – Spoken
Maths	Pure: • Quadratics • Straight Line Graphs • Circles • Equations and Inequalities • Algebraic Methods • Graphs and Transformations • Binomial Expansion • Trigonometric Ratios	Pure: • Trigonometric Identities and equations • Vectors • Differentiation Statistics: • Representation of data • Correlation	Pure: • Integration • Exponentials and logarithms Mechanics: • Modelling • Constant acceleration • Forces and motion • Variable acceleration

	Statistics: Measures of location and spread	- Probability - Statistical Distributions - Hypothesis Testing	
Biology	Module 1 Foundations in Biology - Microscopy - Magnification - Eukaryote cell structure - Ultrastructure of plant cells - Prokaryote Cells - Biological molecules - Nucleotides and Nucleic acids - Cell division - Water, Carbohydrates, Lipids and Proteins Various practical assessments will be completed during this term.	Module 1 Foundations in Biology - Biological membranes - Enzymes Module 3 – Exchange and transport - Transport in Plants - Exchange surfaces and breathing - Transport in animals Module 4 – Biodiversity, evolution and disease - Biodiversity - Communicable disease - Various practical assessments will be completed during this term.	Module 4 – Biodiversity, evolution and disease - Classification and evolution Module 6 – Genetics, Evolution and diseases evolution - Ecosystems - Patterns of inheritance and variation - Populations and sustainability Various practical assessments will be completed during this term.
Chemistry	Module 2 – Foundations in Chemistry - Atomic structure and isotopes - Relative mass - The mole - Determination of formulae - Moles and Volumes - Reacting quantities - Formulae and equations - Electron structure - Acids and redox	Module 3 –Periodic Table and Energy - The Periodic Table - Ionisation energies - Periodic trends in bonding and structure - Group 2 - The Halogens - Qualitative analysis - Enthalpy changes - Hess' Law and enthalpies cycles	Module 1 – Development of practical skills in Chemistry - Reaction rates - Dynamic equilibrium Le Chatalier' Principle - Spectrometry Module 5 – Physical Chemistry and transition elements. - Rates equations - Concentrations – rates

	• Ionic bonding and structure • Covalent bonding • Shapes of molecules and ions • Acids, bases and neutralisation • Acid-base titrations • Redox • Electronegativity and polarity • Intermolecular forces • Hydrogen bonding	Module 4 Core ORganic Chemistry • Organic Chemistry • Nomenclature of organic compounds • Representing formulae of organic compounds • Isomerism • Introduction to reaction mechanisms • Alkanes • Alkenes • Stereoisomerism • Alcohols • Haloalkanes	Module 6 – Organic Chemistry and analysis • Equilibrium
Fine Art	Introductory Project Students in year 12 will start the A level course with an introductory project which runs from September until February half term. Students will be introduced to a variety of experiences that explore a range of fine art media, processes and techniques. Students will explore the use of drawing for different purposes, using a variety of methods and media on a variety of scales. Students will explore relevant images, artefacts and resources	Introductory Project continued Students will be introduced to a variety of experiences that explore a range of fine art media, processes and techniques. Students will explore the use of drawing for different purposes, using a variety of methods and media on a variety of scales. Students will explore relevant images, artefacts and resources relating to a range of art, craft and design, from the past and from recent times, including	The Personal Investigation The written material must confirm understanding of creative decisions, providing evidence of all four assessment objectives by: • clarifying the focus of the investigation • demonstrating critical understanding of contextual and other sources • substantiating decisions leading to the development and refinement of ideas • recording ideas, observations and insights relevant to

	relating to a range of art, craft and design, from the past and from recent times, including European and non-European examples. Students will be aware of the four assessment objectives to be demonstrated in the context of the content and skills presented. They will be made aware of the importance of process as well as product.	European and non-European examples. Students will be aware of the four assessment objectives to be demonstrated in the context of the content and skills presented. They will be made aware of the importance of process as well as product. The Personal Investigation Students are required to conduct a practical investigation, into an idea, issue, concept or theme, supported by written material. The focus of the investigation must be identified independently by the student and must lead to a finished outcome or a series of related finished outcomes.	intentions by reflecting critically on practical work • making meaningful connections between, visual, written and other elements.
Business Studies	Entrepreneurs and leaders The role and motives of entrepreneurs, objectives, forms of business and business choices, liability, the market, market research, market positioning	Managing people and financing the business Approaches to staffing, recruitment, selection, training, organisational design, Motivation, leadership, Human resource ratios, staff turnover, productivity, absenteeism, internal and external finance	Resource management Production, productivity, efficiency, capacity utilisation, stock control, quality management

	Markets, marketing mix and strategy Demand, supply, markets, price elasticity, income elasticity, product/service design, branding and promotion, pricing strategies, distribution, marketing strategy	Financial planning and managing finance Business planning, Sales forecasting, sales, revenue and costs, break-even, budgets, financial statements, profit, liquidity, business failure	External influences and theories of corporate strategy Inflation, exchange rates, interest rates, tax, economy, legislation, competitive environment, Ansoff, Porters matrix, distinct capabilities, SWOT, PEST
Childcare	Unit 1: Children's Development In this unit students explore children's developmental progress from birth up to eight years. They will examine theories, principles and factors relating to development. Exam - Jan 2027	Unit 3: Play and learning In this unit students explore the concept of play, the influence of theories and curriculum approaches to play, and the benefits of play and learning activities for children. LAA - Examine types of play and learning activities and how they promote children's learning and development LAB - Investigate theoretical perspectives to learning and development in early childhood	LAC - Understand curriculum approaches to play and their impact on practice in early childhood environments LAD - Understand how to plan activities and experiences to support children's play, learning and development Improvements and resubmissions

Computer Science	Paper 1 Programming fundamentals Data types, programming concepts, arithmetic operations, rational operations, Boolean operations, constant and variables, string handling, random number generation Programming Paradigms OOP	Paper 1 Data Structures Single and multi-dimensional arrays, fields, records and files, queues, stacks, graphs, trees, hash tables, dictionaries and vectors Fundamentals of Algorithms Simple logic diagrams, truth tables, combining Boolean operators, applying logical operators in truth tables to solve problems	Non-Exam NEA Project research and analysis Project design and implementation
Criminology	Unit 1 Changing Awareness of Crime We begin studying in Year 12 by introducing the Criminological skills of analysis, interpretation and application using case studies and theory to understand issues surrounding reporting of crime. Unit 2 Criminological Theories Continuing with the same unit we look at how campaigns are used to	Unit 2 Criminological Theories We will study a number Biological, Sociological and Individualistic theories of criminality. Continuing with the theories of criminality we evaluate the same theories to look at their effectiveness and their application. Finally we look at how theories, social changes	Unit 2 Exam Case studies for Unit 3 – Crime Scene to Courtroom – Year 13 Work We focus on completing revision of Unit 2 content and exam practice. Unit 3- Case studies and roles within the Criminal Justice System. We assess the usefulness of investigative techniques in

	elicit change and how to plan a campaign for change. We start Unit 2 to understand the social construction of criminality.	and campaigns affect policy. Revision for the year 12 exam.	criminal investigations using real case studies. We conclude the year by explaining how evidence is processed.
Enrichment	• Staying safe: recognising harassment and abuse • Understanding cultural identity and cultural competency • Making choices about pregnancy and parenthood • Making choices about your sexual health • Sexual harassment, reporting, and bystander action • Body enhancement	• Acknowledging skills and assets • Staying safe: alcohol and binge-drinking • Staying safe: exiting aggressive social situations • Staying safe: protecting your finances • Staying safe: dangerous and emergency situations	• Respectful relationships: trust and intimacy • Respectful relationships: ending relationships • Understanding forced marriage • Staying safe: setting boundaries online • Online influence: extremism and AI
Geography	Component 1 Section A: Changing Landscapes The study of coastal landscapes developed by the interaction of winds, waves and currents and the sediment supply from terrestrial and offshore sources. Section B: Changing Places The study of places and their dynamic characteristics. Different places have distinct characteristics due to their natural features and the	Component 2 Section A: Global Systems Water & Carbon Cycles. The study of the physical processes which control the cycling of both water & carbon between land, oceans and the atmosphere. Section B: Global Governance: Change & Challenges Processes and patterns of global migration	NEA: Independent Investigation One written independent investigation, based on the collection of both field data and secondary information.

	landscapes that people have created.	The study of the processes and patterns of global migration, a global flow which has historically had a major impact on most countries	
Health & Social Care	Unit 1: Human Lifespan and Development: Human growth and development through the life stages LAB: Factors affecting human growth and development across each life stage LAC: Health and social care promotion, prevention and treatment at different life stages Revision Exam Jan 2027	Unit 6 - Safe Environments in Health and Social Care: Students will explore the importance of safe working practices, professional responsibilities and record keeping in maintaining safe environments and quality care in line with national standards in health and social care settings. LAA - Explore appropriate care environments for individuals at different life stages LAB - Explore aspects of legislation, regulations and policies that support safe environments in health and social care settings	LAC - Examine aspects of monitoring and maintaining safe practice in health and social care environments Improvements and resubmissions

History	Unit 1F The impact of industrialization on Britain, c.1783-1812 Looking at the impact of the industrial revolution on the politics, economy and society of Britain. You will focus on pressure for change between 1783 and 1812. Unit 2J The origins of the American Civil War, c1845-54 The social, economic and political characteristics of the North and South, c1845. The attempts to maintain the union c.1845-1854 and attempts at political compromise.	Unit 1F The impact of industrialization on Britain, 1812-1832 The impact of the industrial revolution on Britain focusing on government and a changing society, 1812-1832. Unit 2J The origins of the American Civil War, c1845-61 The attempts to maintain the union c.1845-1854 and attempts at political compromise. The outbreak of Civil War, focusing on the destabilization of relations between the North and South.	Unit 1F The impact of industrialization on Britain, c.1783-1832 The impact of the industrial revolution on Britain focusing on government and a changing society, 1812-1832. NEA NEA begins on a subject of choice, using sources and extracts. This is completed outside of lessons.
IT: Data Analytics	F200 Fundamentals of data analytics In this unit you will learn about the fundamental knowledge required for a career working in data-related occupations. Topic Areas covered: • Understanding data • Managing data	F200 Fundamentals of data analytics • Legal considerations • Job roles, skills and attributes in data analytics • Exam practice and revision	F201 Big data and machine learning In this unit you will learn about the challenges of managing big data and the role of artificial intelligence and machine learning in data science. Topic Areas covered: • The scope of managing big data

	- How data can be accessed and managed across platforms F202: Spreadsheet data modelling In this unit you will learn the principles of data modelling with spreadsheets, and the knowledge and skills required to plan, design, create, test and review a spreadsheet modelling solution that meets the needs of a specific client. Topic Areas covered: - Principles of spreadsheet modelling - Planning the design of a spreadsheet model - Creating the spreadsheet model	F202: Spreadsheet data modelling Topic Areas covered: - Delivering the outcomes - Evaluation	- The infrastructure challenges of big data - Big data, machine learning and artificial intelligence F204 Data and the Internet of Everything (IoE) In this unit you will learn the principles of the Internet of Everything (IoE), and the knowledge and skills required to plan, design and present an IoE solution that meets the needs of a specific client. Topic areas covered: - IoE ecosystem - Data collection, processing and storage methods and devices
Photography	Abstract Photography Students in year 12 will start the A level course with an introductory project which runs from September until February half term. Students will be introduced to a variety of experiences that explore a range of Camera Techniques,	Abstract Photography Students will use sketchbooks to underpin their work. Students will use digital techniques to produce images. Students will be aware of the four assessment objectives to be demonstrated in the context of the content and skills	The Personal Investigation The written material must confirm understanding of creative decisions, providing evidence of all four assessment objectives by: • clarifying the focus of the investigation

	Compositional Ideas and Digital and Physical Manipulation. Students will be introduced to a variety of experiences that explore a range of photographic media, techniques and processes. They will be made aware of both traditional and new technologies. Students will explore relevant images, artefacts and resources relating to a range of art, craft and design, from the past and from recent times, including European and non-European examples. This will be integral to the investigating and making processes. Students' responses to these examples will be shown through practical and critical activities that demonstrate their understanding of different styles, genres and traditions.	presented and of the importance of process as well as product. The Personal Investigation Students are required to conduct a practical investigation, into an idea, issue, concept or theme, supported by written material. The focus of the investigation must be identified independently by the student and must lead to a finished outcome or a series of related finished outcomes.	• demonstrating critical understanding of contextual and other sources • substantiating decisions leading to the development and refinement of ideas • recording ideas, observations and insights relevant to intentions by reflecting critically on practical work • making meaningful connections between, visual, written and other elements.
Psychology	An introduction to psychological approaches, memory and research methods Students will learn the basic assumptions of the various psychological approaches and evaluate each one. They will learn about how the memory works and have an	Attachment and Research Methods We will study attachment Which examines the formation of attachments, animal studies of attachment, the cross-cultural differences in attachment, and the influence of early attachment on later adult	Biopsychology The biopsychology topic examines: the nervous system; endocrine system, fight-or-flight; localisation of function; plasticity and functional recovery; ways of studying the brain; biological rhythms and endogenous

	introduction to methods that are used for psychological research Social Influence and Research Methods We begin studying Social influence which is the process by which an individual's attitudes, beliefs or behaviour are modified by the presence or action of others. Students will continue to investigate methods that are used for psychological research	relationships. Students will continue to study research methods used in psychology Clinical Psychology & Mental Health and Research Methods Clinical Psychology and Mental Health is the scientific study of mental/psychological disorders. The Clinical Psychology and Mental Health Topic considers different explanations for various psychological disorders (e.g. depression, phobias and obsessive-compulsive disorder), including biological, psychological and social explanations	pacemakers and exogenous zeitgebers. Research Methods Research Methods are the different tools/methods psychologists used to conduct psychological research, analyse data and draw conclusions.
Sociology	What is Socialisation? Introduction to Sociology. You will look at the impact of socialisation on our culture and how agents of socialisation shape our identity and values.	Families and Households – Power and Relationships How has family life changed over time and have these changes been for the better or worse? How have recent changes in social demographics impacted family life?	Theories of education How social theory relates to the education system. Each theory offers a different view of how well or poorly the education system functions, who are the winners, who gets left behind, and why.

	Families and Households – Theory What do the views of the key social theories view family life differ? How has family life evolved in the last 100 years and why? Is this evolution good for society and individuals?	Intro to Education – Factors impacting attainment in the education system Why do we educate children? How has the education system changed over time and what are the factors that impact the attainment of pupils in relation to social class, gender and ethnicity.	Sociological Research How sociologists gather, interpret and present research.
Sport	Body's systems and effects of physical activity Sports organisation and development	Physical activity for specific groups Working safely in sport	Revision for external exams

Year 13 Curriculum

	Autumn Term	Spring Term	Summer Term
English Language	Paper 1: Language, the individual and society Paper 2: Language diversity and change • Child Language Development written • NEA 2 – Investigation • Language Change	Paper 2: Language diversity and change • Language Diversity – Global Englishes • Revision for external examinations	Revision for external exams
Maths	Pure: • Algebraic Methods • Binomial Expansion • Numerical Methods • Functions and Graphs • Series and Sequences • Vectors • Radians • Sequences and series Statistics: • Regression, correlation • Conditional probability • Normal Distribution Mechanics: • Moments	Pure: • Trigonometric functions • Trigonometry and modelling • Parametric equations • Differentiation • Integration Mechanics: • Forces and friction • Projectiles	Mechanics: • Application of forces • Further kinematics Pure: • Integration Revision for external exams

Biology	Module 6 – Genetics, evolution and ecosystems - Genetics of living systems - Patterns of inheritance - Manipulating Genomes - Cloning and biotechnology - Ecosystems Various Practical assessments will take place this term.	Module 5 – Communication, Homeostasis and energy - Photosynthesis - Respiration - Plant Hormones - Homeostasis - Hormonal communication - Neuronal Communication - Homeostasis Overview	Revision for external exams
Chemistry	Module 5 – Physical Chemistry and transition elements. - Rates continued - Formation and shape of complex ions - Stereoisomerism - Redox and qualitative analysis / reactions - Electrode potentials / Predictions Module 6 – Organic Chemistry and analysis - Equilibrium - Bronsted-Lowry acids and bases / pH scale - Acid dissociation constant K_a - Free Energy - pH scale and strong acids / weak acids - Buffer solutions - Neutralisation	Module 5 – Physical Chemistry and transition elements. - Carbonyl compounds - Identifying aldehydes and ketones - Carboxylic acids / Carboxylic acid derivatives - Synthetic routes - NMR - Chromatography Module 6 – Organic Chemistry and analysis - Introducing benzene - Electrophilic substitution reactions of benzene - Chemistry of phenol - Directing groups - Amines / Amino acids / Chirality - Condensation polymers	Revision for external exams

Physics	Module 5 - Newtonian World and Astrophysics • Astrophysics and cosmology Module 6 Particles and Medical Physics • Capacitors • Electric Fields Various Practical assessments will take place this term.	Module 6 Particles and Medical Physics • Electric Fields • Magnetic Fields • Nuclear and particle physics • Medical imaging Various Practical assessments will take place this term.	Revision for external exams
Fine Art	The Personal Investigation The personal investigation runs through until the end of January, the final outcome will be completed in the January mock exam time. Students are required to conduct a practical investigation, into an idea, issue, concept or theme, supported by written material. The focus of the investigation Must be identified independently by the student and must lead to a finished outcome or a series of related finished outcomes.	The Personal Investigation Students are required to conduct a practical investigation, into an idea, issue, concept or theme, supported by written material. The focus of the investigation Must be identified independently by the student and must lead to a finished outcome or a series of related finished outcomes. The Externally Set Assignment This project starts from the 1st of February. Each question paper will consist of a choice of eight questions to be used as	The Externally Set Assignment Each question paper will consist of a choice of eight questions to be used as starting points. Students are required to select one. Students will be provided with examination papers on 1 February, or as soon as possible after that date.

		starting points. Students are required to select one . Students will be provided with examination papers on 1 February, or as soon as possible after that date.	
Business Studies	External influences, business growth and investment appraisal PEST, Porters five forces, objectives of growth, problems with growth, mergers, takeovers, organic growth, reasons to stay small, Payback, average rate of return (ARR) Decision-making techniques, influences on business decisions, Assessing competitiveness Net present value (NPV), decision trees, critical path analysis, corporate influences, corporate culture, Shareholders, stakeholders, business ethics, Gearing, Return on capital employed (ROCE)	Managing change, Globalisation, Global markets and expansion Causes and effects of change, key factors in change, scenario planning, growing economies, international trade, factors contributing to increased globalisation, protectionism, trading blocs, Conditions of prompt trade, Assessment of a country as a market, Assessment of a country as a production location Global marketing and global industries and companies (MNCs) Marketing, niche markets, cultural/social factors, impact of MNCs, Ethics, controlling MNCS	Revision for external exams

Childcare	Unit 2 – keeping children Safe Students explore the responsibilities of a professional to maintain health and safety as well as ensuring effective safeguarding measures are in place. They will understand what to do in an emergency and when to address concerns about a child's welfare. Exam June 2027	Unit 4 - Research and Reflective Practice in an Early Childhood Setting In this unit students understand how research findings influence policy and provision for children and are able to reflect on how this influences their own behaviour and expectations in a work placement environment. LAA - Understand types of information and data related to research into provision and practice in children's care and education (0 – 8 years) LAB - Understand the purpose and impact of research in the children's care and education sector (0 – 8 years)	LAC - Know the purpose of reflective practice for those working in the children's care and education sector (0 – 8 years) LAD - Understand and apply theories and approaches for reflective practice Improvements and resubmissions
Computer Science	Paper 2 Fundamentals of Data representation Numbers, number bases, units of information, binary number system, information coding systems	Paper 2 Fundamentals of computer organisation and architecture Logic gates, Internal hardware components of a computer	Paper 2 Consequences of uses of computing Individual (moral), social (ethical), legal and cultural issues and opportunities

	Fundamentals of computer systems Representing images, sound and other data Hardware and software, classification of programming languages, types of program translator	Fundamentals of computer organisation and architecture the stored program concept, Structure and role of the processor and its components, external hardware devices	Revision for external exams
Criminology	Unit 3 Crime Scene to Courtroom We examine the rights of individuals in criminal investigations followed by understanding the processes for prosecution of suspects. Unit 4 Crime and Punishment To complete Unit 3 we review criminal cases by examining information for validity and drawing conclusions from information. Unit 4 we examine the criminal justice system in England and Wales.	Unit 4 Crime and Punishment We describe models of criminal justice and the role of punishment in a criminal justice system. Students sit the Unit 3 controlled assessment this half term. We explain the role and contribution of agencies in achieving social control. We finish the course examining limitations and evaluating the effectiveness of agencies in achieving social control.	Unit 4 Crime and Punishment In class revision to prepare for final exam.

Enrichment	• Understanding inclusion • Intersectionality, marginalisation, and privilege • Consent matters • Pregnancy and parenthood: revisited • Pornography: influence and harm	• Mental health: accessing support • Staying safe: recreational drugs • Leaving home: building a healthy lifestyle • Financial choices: working and earning • Staying safe: transport and travel	• The role of constructive criticism • Respectful relationships: meeting new people • Respectful relationships: values and differences • Relationships, power imbalances, and exploitation • Understanding online misinformation
Geography	Component 2 Section B: Global Governance: Change & Challenges Governance of the Earth's oceans. The study of global flows that cross oceans include container shipping, oil tankers, broadband networks and illegal movements of people and goods. The oceans also function as a global common for waste. Component 3 Section A Tectonic Hazards. The study of the structure of the Earth and the processes operative within the asthenosphere and lithosphere.	Component 3 Section B: Ecosystems It has been argued that human well-being depends on the services provided by ecosystems. This unit studies the processes that maintain or change ecosystems and the interactions between the component parts at a range of spatial and temporal scales. Weather & Climate This unit considers the global perspective on how the world's atmospheric systems lead to a variety of distinctive climate types.	Revision for external exams In class practice on exam technique for Component 2 and 3 essays

		Energy Challenges and Dilemmas This unit covers the classification and distribution of energy and resources and the physical factors determining their supply. It considers the opportunities to supply green energy at affordable costs.	
Health & Social Care	Unit 2: Human Biology and Health In this unit students will explore the organisation, structure and normal physiological functioning of the human body, and the effect on health of common disorders of the body systems. Exam Jan 2027	Unit 3 - Principles of Health and Social Care Practice: Students focus on the principles that underpin meeting the care and support needs of individuals, which are the foundation of all services within health and social care. LAA – Understand the principles of health and social care practice which underpin meeting the care and support needs of individuals LAB - Understand the principles of health and social care practice which underpin meeting the care and support needs of individuals Coursework unit	Unit 3 LAC - Examine how social determinants affect the health status of individuals and the importance of equality, diversity and inclusion in practice. Improvements and resubmissions

History	Unit 1F The age of reform Britain, 1832-1846 Political change and social reform between 1832 and 1846. Focusing on the Whig and Tory governments at this time. Unit 2J Civil War and Reconstruction, 1861-77 The war and its events, focusing on the strengths and weaknesses of the Unionists and Confederates.	Unit 1F The age of reform Britain, 1846-1885 The economy, society and politics focusing on 1846 - 1885. Unit 2J Civil War and Reconstruction, 1861-77 Early reconstruction, 1865-1867 Radical reconstruction 1867-1877.	Revision for external exams
IT: Data Analytics	F201 Big data and machine learning • Legal and ethical issues in data management • Environment and society • Exam practice and revision F204 Data and the Internet of Everything (IoE) Topic areas covered: • Connectivity and data transmission • Human computer interfaces (HCIs) • Securing IoE devices	F204 Data and the Internet of Everything (IoE) Topic areas covered: • Documentation and audience communication F205 Data visualization In this unit you will learn the principles of data visualisation, and the knowledge and skills required to plan, design, create and review a data visualisation solution that meets the needs of a specific client. Topic areas covered:	F205 Data visualization Topic areas covered: • Communicating information and interpreting data • Evaluating the effectiveness of data dashboards

		• The value and importance of data visualization • Planning for data dashboards • Techniques for creating a data dashboard	
Photography	The Personal Investigation The personal investigation runs through until the end of January, the final outcome will be completed in the January mock exam time. Students are required to conduct a practical investigation, into an idea, issue, concept or theme, supported by written material. The focus of the investigation Must be identified independently by the student and must lead to a finished outcome or a series of related finished outcomes.	The Personal Investigation Students are required to conduct a practical investigation, into an idea, issue, concept or theme, supported by written material. The focus of the investigation Must be identified independently by the student and must lead to a finished outcome or a series of related finished outcomes. The Externally Set Assignment This project starts from the 1st of February. Each question paper will consist of a choice of eight questions to be used as starting points. Students are required to	The Externally Set Assignment Each question paper will consist of a choice of eight questions to be used as starting points. Students are required to select one. Students will be provided with examination papers on 1 February, or as soon as possible after that date.

		select one . Students will be provided with examination papers on 1 February, or as soon as possible after that date.	
Psychology	Issues and Debates The issues and debates in psychology consider some of the important arguments in relation to conducting research and explaining behaviour. The key issues and debates include gender and culture in psychology; free will and determinism; the nature-nurture debates; idiographic and nomothetic approaches and ethical issues and social sensitivity. Relationships Relationships is a topic in psychology which examines evolutionary explanations for partner preference, the factors that affect the initiation, maintenance and breakdown of romantic relationships, virtual relationships and parasocial relationships.	Schizophrenia The Schizophrenia topic covers symptoms of schizophrenia, including hallucinations and delusions, speech poverty and avolition. It visits Issues in diagnosis: comorbidity, culture and gender bias and symptom overlap. It also examines drug therapy: typical and atypical antipsychotics Forensic Psychology Forensic psychology is a branch of psychology that applies psychological theories and principles to different stages of the criminal justice system, including understanding causes of crime (biological and psychological) and deciding on ways to deal with offenders.	Revision for external exams

Sociology	Crime – Definitions, patterns and measuring of crime How do we define crime and how have these definitions changed over time? Who offends the most and why? How is crime measured and can we trust the statistics? Theories of Crime and Deviance How do the different social theories view crime and deviance?	Inequality in areas of social life Examining and gathering evidence of social inequality in different areas of life, according to Class, Age, Gender and Ethnicity. Theories of social inequality The study of a significant theme in world history that has impacted our lives so much in recent years.	Revision for external exams
Sport	Sports coaching Sports psychology	External moderation Practical skills in sport	Moderation